CURRICULUM VITAE

**A. PERSONAL DATA**

Name:John Adolf Lednicky Birthdate: 12 Nov. 1956

Birthplace:Manila, Philippines Citizenship: U.S. Citizen

Current Position: Research Professor

Environmental and Global Health

College of Public Health and Health Professions

University of Florida - Gainesville

Box 100188

Gainesville, FL  32610-0188

Office phone: 352-273-9204

Cell phone: 913-832-2723

FAX: 352-273-6070

[jlednicky@PHHP.UFL.edu](mailto:jlednicky@PHHP.UFL.edu)

Street delivery address: 1225 Center Drive, HPNP Bldg. Rm 4155

Academic Honors:

1975, 76, 78 Dean’s List, University of Miami

1986 Honor Society Membership, Phi Kappa Phi

1987 McKinney Lewis Fellowship (special competitive academic scholarship),

University of Texas at Austin

1. Eklund Award for Excellence in Teaching, Dept. of Microbiology, Univ.

of Texas at Austin

2015 Inducted to Delta Omega Honorary Society in Public Health, UF Beta

Upsilon Chapter (UF College of PHHP, 30 April 2015)

2020 Listed among the top 2% scientists based on single-year impact in 2020 by Stanford University.

https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3

2021 Sigma Xi Scientific Research Honor Society

2022 University of Florida College of Public Health and Health Professions 2021-

2022 Mentor of the Year (Awarded 1 May 2022).

Editorial Board

2021-2024 mBio

Professional Certifications:

1980 M(ASCP), Technologist in Microbiology, Amer. Soc. Clin. Pathol.,

certificate #M001680

1980 RM(NRCM), Registered Microbiologist, National Registry of Certified

Microbiologists, certificate #2117

Select Agent Clearance

CDC PI status 10/17/06

CDC clearance for select agent work 9/22/05

Previous Security Clearance

DOJ Secret Clearance

Membership in professional societies:

American Society for Microbiology

American Society for Virology

Frontiers in Bioscience Society of Scientists (Permanent member)

Pan American Society for Clinical Virology

Past member:

American Committee on Laboratory Animal Diseases

International Society for NeuroVirology

Wildlife Disease Association

Phycological Society of America

American Association for the Advancement of Science

American Chemical Society

American Society of Clinical Pathologists

College Recognition Awards

PHHP Dean’s 2014 Citation Paper Award for manuscript: Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3716658/pdf/1743-422X-10-213.pdf>

PHHP Dean’s 2017 Citation Paper Award for manuscript: Zika Virus Outbreak in Haiti in 2014: Molecular and Clinical Data’

<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0004687>

PHHP Dean’s 2021 Citation Paper Award for manuscript: Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients.

<https://www.ijidonline.com/article/S1201-9712(20)30739-6/fulltext>

18 Nov. 2021. Certificate of Excellence from EGH, PHHP, and EPI for SARS-CoV-2 Testing Laboratory, year 2020.

**B. EDUCATION**

B.S., Microbiology, University of Miami, Dec. 1978

M.S., Microbiology, University of Missouri - Kansas City (mentor: M. Rogolsky, Ph.D.), May 1984

Ph.D., Microbiology, University of Texas - Austin (mentor: W.R.Folk, Ph.D.), Aug. 1991

Dissertation Title: Molecular-Genetic Analysis of the SV40 Upstream Promoter

Elements

Thesis Advisor: William R. Folk, Ph.D., Dept. of Biochemistry, Univ. of Missouri –

Columbia (prior: Univ. Texas – Austin)

**C. APPOINTMENTS**

Microbiology Technician (05/79-08/79), Clinical Microbiology Laboratory, Bethany Medical Center. Supervisor: N. Forsee, MT (ASCP).

Microbiology Technician (08/79-12/80), Clinical Microbiology Laboratory, Med Labs

Inc. Supervisor: K. Hickey, MT(ASCP).

Graduate Research Assistant (06/81-05/84), Department of Microbiology, University of

Missouri-Kansas City. Supervisor: M. Rogolsky, Ph.D.

Laboratory Instructor (09/83-05/84), Microbiology Laboratory course, Rockhurst College. Supervisor: E. Kos, Ph.D.

Graduate Teaching Assistant (09/84-12/84), Biology Laboratory, Department of Biology, University of Texas - Austin.

Graduate Research and Teaching Assistant (01/85-06/89), Department of Microbiology, University of Texas - Austin. Supervisor: W.R. Folk, Ph.D. (research); D. Pope, Ph.D. (teaching).

Graduate Research Assistant (06/89-08/91), Department of Biochemistry, University of Missouri - Columbia. Supervisor: W.R.Folk, Ph.D.

Research Associate (08/91-11/91), Department of Biochemistry, University of Missouri - Columbia. Supervisor: W.R.Folk, Ph.D.

Postdoctoral Fellow (12/91-12/96), Division of Molecular Virology, Baylor College of Medicine. Supervisor: J.S. Butel, Ph.D.

Research Assistant Professor (1/97-12/00), Department of Molecular Virology and

Microbiology, Baylor College of Medicine.

Assistant Professor (1/01- 6/05), Department of Pathology, Loyola University Medical

Center

Principal Scientist (7/05/2005 – 12/16/2009), Midwest Research Institute

Adjunct Research Associate Professor, 11/2006 – 9/2010, Department of Basic Medical Sciences, University of Missouri-Kansas City, Kansas City, Missouri

Senior Science Advisor (12/17/2009 – 9/21/2010), Midwest Research Institute

Associate Professor (10/1/2010 to July 1, 2017), Environmental and Global Health, University of Florida, Gainesville

Research Professor (July 2, 2017 to present), Environmental and Global Health, University of Florida, Gainesville

**D. POST-DOCTORAL FELLOWSHIP**

National Institutes of Health # CA61703-02 - “T-ag reactive proteins identified by two hybrid system”. Award period: 08/93-08/96.

**E. PUBLICATIONS**

**Peer-reviewed research manuscripts**

1. Jackson MP, DeSena J, **Lednicky J**, McPherson B, Haile R, Garrison RG, Rogolsky M. Isolation and characterization of a bacteriophage factor that confers competence for genetic transformation to an exfoliative toxin-producing strain of Staphylococcus aureus. Infect Immun. 1983 Feb;39(2):939-47. doi: 10.1128/iai.39.2.939-947.1983. PMID: 6219953; PMCID: PMC348036.

<https://journals.asm.org/doi/epdf/10.1128/iai.39.2.939-947.1983>

2. **Lednicky J,** Folk WR. Two synthetic Sp1-binding sites functionally substitute for the 21-base-pair repeat region to activate simian virus 40 growth in CV-1 cells. J Virol. 1992 Nov;66(11):6379-90. doi: 10.1128/JVI.66.11.6379-6390.1992. PMID: 1328672; PMCID: PMC240130.

<https://pubmed.ncbi.nlm.nih.gov/1328672/>

3. **Lednicky JA,** Wong C, Butel JS. Artificial modification of the viral regulatory region improves tissue culture growth of SV40 strain 776. Virus Res. 1995 Feb;35(2):143-53. doi: 10.1016/0168-1702(94)00093-r. PMID: 7762288.

<https://www.sciencedirect.com/science/article/pii/016817029400093R?via%3Dihub>

4. **Lednicky JA,** Garcea RL, Bergsagel DJ, Butel JS. Natural simian virus 40 strains are present in human choroid plexus and ependymoma tumors. Virology. 1995 Oct 1;212(2):710-7. doi: 10.1006/viro.1995.1529. PMID: 7571441.

<https://www.sciencedirect.com/science/article/pii/S0042682285715292?via%3Dihub>

5. Stewart AR, **Lednicky JA,** Benzick US, Tevethia MJ, Butel JS. Identification of a variable region at the carboxy terminus of SV40 large T-antigen. Virology. 1996 Jul 15;221(2):355-61. doi: 10.1006/viro.1996.0386. PMID: 8661447.

<https://www.sciencedirect.com/science/article/pii/S0042682296903864?via%3Dihub>

6. **Lednicky JA**, Jafar S, Wong C, Butel JS. High-fidelity PCR amplification of infectious copies of the complete simian virus 40 genome from plasmids and virus-infected cell lysates. Gene. 1997 Jan 15;184(2):189-95. doi: 10.1016/s0378-1119(96)00594-x. PMID: 9031627.

<https://pubmed.ncbi.nlm.nih.gov/9031627/>

7. **Lednicky JA,** Butel JS. A coupled PCR and restriction digest method for the detection and analysis of the SV40 regulatory region in infected-cell lysates and clinical samples. J Virol Methods. 1997 Feb;64(1):1-9. doi: 10.1016/s0166-0934(96)02135-0. PMID: 9029524.

<https://www.sciencedirect.com/science/article/pii/S0166093496021350?via%3Dihub>

8. **Lednicky JA,** Butel JS. Tissue culture adaptation of natural isolates of simian virus 40: changes occur in viral regulatory region but not in carboxy-terminal domain of large T-antigen. J Gen Virol. 1997 Jul;78 ( Pt 7):1697-705. doi: 10.1099/0022-1317-78-7-1697. PMID: 9225047.

<https://pubmed.ncbi.nlm.nih.gov/9225047/>

9. **Lednicky JA,** Stewart AR, Jenkins JJ 3rd, Finegold MJ, Butel JS. SV40 DNA in human osteosarcomas shows sequence variation among T-antigen genes. Int J Cancer. 1997 Sep 4;72(5):791-800. doi: 10.1002/(sici)1097-0215(19970904)72:5<791::aid-ijc15>3.0.co;2-c. PMID: 9311596.

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/%28SICI%291097-0215%2819970904%2972%3A5%3C791%3A%3AAID-IJC15%3E3.0.CO%3B2-C>

10. Rubelj I, Venable SF, **Lednicky J,** Butel JS, Bilyeu T, Darlington G, Surmacz E, Campisi J, Pereira-Smith OM. Loss of T-antigen sequences allows SV40-transformed human cells in crisis to acquire a senescent-like phenotype. J Gerontol A Biol Sci Med Sci. 1997 Sep;52(5):B229-34. doi: 10.1093/gerona/52a.5.b229. PMID: 9310070.

<https://academic.oup.com/biomedgerontology/article/52A/5/B229/617463>

11. **Lednicky JA,** Arrington AS, Stewart AR, Dai XM, Wong C, Jafar S, Murphey-Corb M, Butel JS. Natural isolates of simian virus 40 from immunocompromised monkeys display extensive genetic heterogeneity: new implications for polyomavirus disease. J Virol. 1998 May;72(5):3980-90. doi: 10.1128/JVI.72.5.3980-3990.1998. PMID: 9557685; PMCID: PMC109625.

<https://journals.asm.org/doi/epub/10.1128/JVI.72.5.3980-3990.1998>

12. Stewart AR, **Lednicky JA,** Butel JS. Sequence analyses of human tumor-associated SV40 DNAs and SV40 viral isolates from monkeys and humans. J Neurovirol. 1998 Apr;4(2):182-93. doi: 10.3109/13550289809114518. PMID: 9584955.

<https://www.tandfonline.com/doi/abs/10.3109/13550289809114518?journalCode=ijnv20>

13. Butel JS, Arrington AS, Wong C, **Lednicky JA,** Finegold MJ. Molecular evidence of simian virus 40 infections in children. J Infect Dis. 1999 Sep;180(3):884-7. doi: 10.1086/314915. PMID: 10438386.

<https://academic.oup.com/jid/article/180/3/884/819434>

14. Arrington AS, **Lednicky JA,** Butel JS. Molecular characterization of SV40 DNA in multiple samples from a human mesothelioma. Anticancer Res. 2000 Mar-Apr;20(2A):879-84. PMID: 10810370.

15. Strickler HD; International SV40 Working Group. A multicenter evaluation of assays for detection of SV40 DNA and results in masked mesothelioma specimens. Cancer Epidemiol Biomarkers Prev. 2001 May;10(5):523-32. PMID: 11352864.

<https://cebp.aacrjournals.org/content/10/5/523.long>

16. Vilchez RA, **Lednicky J**A, Halvorson SJ, White ZS, Kozinetz CA, Butel JS. Detection of polyomavirus simian virus 40 tumor antigen DNA in AIDS-related systemic non-Hodgkin lymphoma. J Acquir Immune Defic Syndr. 2002 Feb 1;29(2):109-16. doi: 10.1097/00042560-200202010-00001. PMID: 11832678.

<https://journals.lww.com/jaids/Abstract/2002/02010/Detection_of_Polyomavirus_Simian_Virus_40_Tumor.1.aspx>

17. **Lednicky JA,** Halvorson SJ, Butel JS. PCR detection and DNA sequence analysis of the regulatory region of lymphotropic papovavirus in peripheral blood mononuclear cells of an immunocompromised rhesus macaque. J Clin Microbiol. 2002 Mar;40(3):1056-9. doi: 10.1128/JCM.40.3.1056-1059.2002. PMID: 11880438; PMCID: PMC120229.

<https://journals.asm.org/doi/10.1128/JCM.40.3.1056-1059.2002?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed>

18. **Lednicky JA,** Vilchez RA, Keitel WA, Visnegarwala F, White ZS, Kozinetz CA, Lewis DE, Butel JS. Polyomavirus JCV excretion and genotype analysis in HIV-infected patients receiving highly active antiretroviral therapy. AIDS. 2003 Apr 11;17(6):801-7. doi: 10.1097/00002030-200304110-00004. PMID: 12660526.

<https://journals.lww.com/aidsonline/Fulltext/2003/04110/Polyomavirus_JCV_excretion_and_genotype_analysis.4.aspx>

19. Ling PD, **Lednicky JA**, Keitel WA, Poston DG, White ZS, Peng R, Liu Z, Mehta SK, Pierson DL, Rooney CM, Vilchez RA, Smith EO, Butel JS. The dynamics of herpesvirus and polyomavirus reactivation and shedding in healthy adults: a 14-month longitudinal study. J Infect Dis. 2003 May 15;187(10):1571-80. doi: 10.1086/374739. Epub 2003 Apr 30. PMID: 12721937.

<https://academic.oup.com/jid/article/187/10/1571/854448>

20. **Lednicky JA,** Meehan TP, Kinsel MJ, Dubach J, Hungerford LL, Sarich NA, Witecki KE, Braid MD, Pedrak C, Houde CM. Effective primary isolation of wild-type canine distemper virus in MDCK, MV1 Lu and Vero cells without nucleotide sequence changes within the entire haemagglutinin protein gene and in subgenomic sections of the fusion and phospho protein genes. J Virol Methods. 2004 Jun 15;118(2):147-57. doi: 10.1016/j.jviromet.2004.02.004. PMID: 15081610.

<https://www.sciencedirect.com/science/article/pii/S0166093404000424?via%3Dihub>

21. Rubinas TC, Carey RB, Kampert MC, Alkan S, **Lednicky JA.** Fatal hemorrhagic pneumonia concomitant with Chlamydia pneumoniae and parainfluenza virus 4 infection. Arch Pathol Lab Med. 2004 Jun;128(6):640-4. doi: 10.5858/2004-128-640-FHPCWC. PMID: 15163237. <https://meridian.allenpress.com/aplm/article/128/6/640/458808/Fatal-Hemorrhagic-Pneumonia-Concomitant-With?searchresult=1>

22. Zdziarski JM, Sarich NA, Witecki KE, Lednicky JA. Molecular analysis of SV-40-CAL, a new slow growing SV-40 strain from the kidney of a caged New World monkey with fatal renal disease. Virus Genes. 2004 Oct;29(2):183-90. doi: 10.1023/B:VIRU.0000036378.42136.7c. PMID: 15284478. <https://link.springer.com/article/10.1023/B:VIRU.0000036378.42136.7c>

23. Forsman ZH, **Lednicky JA,** Fox GE, Willson RC, White ZS, Halvorson SJ, Wong C, Lewis AM Jr, Butel JS. Phylogenetic analysis of polyomavirus simian virus 40 from monkeys and humans reveals genetic variation. J Virol. 2004 Sep;78(17):9306-16. doi: 10.1128/JVI.78.17.9306-9316.2004. PMID: 15308725; PMCID: PMC506915.

<https://journals.asm.org/doi/10.1128/JVI.78.17.9306-9316.2004?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed>

24. Wright MH, Cera LM, Sarich NA, **Lednicky JA**. Reverse transcription-polymerase chain reaction detection and nucleic acid sequence confirmation of reovirus infection in laboratory mice with discordant serologic indirect immunofluorescence assay and enzyme-linked immunosorbent assay results. Comp Med. 2004 Aug;54(4):410-7. PMID: 15357322.

<https://www.ingentaconnect.com/content/aalas/cm/2004/00000054/00000004/art00009;jsessionid=17dz2scjj9kl2.x-ic-live-02>

25. **Lednicky JA,** Dubach J, Kinsel MJ, Meehan TP, Bocchetta M, Hungerford LL, Sarich NA, Witecki KE, Braid MD, Pedrak C, Houde CM. Genetically distant American Canine distemper virus lineages have recently caused epizootics with somewhat different characteristics in raccoons living around a large suburban zoo in the USA. Virol J. 2004 Sep 2;1:2. doi: 10.1186/1743-422X-1-2. PMID: 15507154; PMCID: PMC524033.

<http://virologyj.biomedcentral.com/articles/10.1186/1743-422X-1-2>

26. Cutrone R, **Lednicky J,** Dunn G, Rizzo P, Bocchetta M, Chumakov K, Minor P, Carbone M. Some oral poliovirus vaccines were contaminated with infectious SV40 after 1961. Cancer Res. 2005 Nov 15;65(22):10273-9. doi: 10.1158/0008-5472.CAN-05-2028. PMID: 16288015.

<https://cancerres.aacrjournals.org/content/65/22/10273.full-text.pdf>

27. Hamilton SB, Daniels DE, Sosna WA, Jeppesen ER, Owells JM, Halpern MD, McCurdy KS, Rayner JO, Lednicky JA. Gas-permeable ethylene bags for the small scale cultivation of highly pathogenic avian influenza H5N1 and other viruses in embryonated chicken eggs. Virol J. 2010 Jan 28;7:23. doi: 10.1186/1743-422X-7-23. PMID: 20109234; PMCID: PMC2825208.

<http://virologyj.biomedcentral.com/articles/10.1186/1743-422X-7-23>

28. **Lednicky JA,** Villanueva JM, Burke SA, Shively R, Shaw MW, Daniels DE, Hamilton SB, Donis RO. Validation of a method for preparing influenza H5N1 simulated samples. J Virol Methods. 2010 Aug;167(2):125-31. doi: 10.1016/j.jviromet.2010.03.022. Epub 2010 Apr 1. PMID: 20362615.

<https://www.sciencedirect.com/science/article/pii/S0166093410001102?via%3Dihub>

29. Tuttle RS, Sosna WA, Daniels DE, Hamilton SB, **Lednicky JA.** Design, assembly, and validation of a nose-only inhalation exposure system for studies of aerosolized viable influenza H5N1 virus in ferrets. Virol J. 2010 Jun 23;7:135. doi: 10.1186/1743-422X-7-135. PMID: 20573226; PMCID: PMC2917419.

<http://virologyj.biomedcentral.com/articles/10.1186/1743-422X-7-135>

30. **Lednicky JA,** Hamilton SB, Tuttle RS, Sosna WA, Daniels DE, Swayne. Ferrets develop fatal influenza after inhaling small particle aerosols of highly pathogenic avian influenza virus A/Vietnam/1203/2004 (H5N1). Virol J. 2010 Sep 15;7:231. doi: 10.1186/1743-422X-7-231. PMID: 20843329 PMCID: PMC2949836.

<http://virologyj.biomedcentral.com/articles/10.1186/1743-422X-7-231>

31. **Lednicky JA**, Croutch CR, Lawrence SJ, Hamilton SB, Daniels DE, Astroff B. [A nonlethal young domesticated ferret (Mustela putorius furo) model for studying pandemic influenza virus A/California/04/2009 (H1N1).](https://www.ncbi.nlm.nih.gov/pubmed/21262121) Comp Med. 2010 Oct;60(5):364-8. PMID: 21262121 PMCID: PMC2958204. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2958204/pdf/cm2010000364.pdf>

32. Hamilton SB, Wyatt DE, Wahlgren BT, O'Dowd MK, Morrissey JM, Daniels DE, **Lednicky JA.** Higher titers of some H5N1 and recent human H1N1 and H3N2 influenza viruses in Mv1 Lu vs. MDCK cells. Virol J. 2011 Feb 11;8:66. doi: 10.1186/1743-422X-8-66. PMID: 21314955; PMCID: PMC3046928.

<https://virologyj.biomedcentral.com/articles/10.1186/1743-422X-8-66>

33. **Lednicky JA,** Waltzek TB, Halpern MD, Hamilton SB. Comparative Analysis of the Full-Length Genome Sequence of a Clinical Isolate of Human Parainfluenza Virus 4B. Scientifica (Cairo). 2012;2012:871201. doi: 10.6064/2012/871201. Epub 2012 Jul 8. PMID: 24278751; PMCID: PMC3820592.

<http://www.hindawi.com/journals/scientifica/2012/871201/>

34. **Lednicky JA**, Waltzek TB, McGeehan E, Loeb JC, Hamilton SB, Luetke MC. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. Virol J. 2013 Jun 27;10:213. doi: 10.1186/1743-422X-10-213. PMID: 23805916; PMCID: PMC3716658.Article chosen as one of “Editor’s Picks” for the June 2013 issue; editor’s summary available.

<https://virologyj.biomedcentral.com/articles/10.1186/1743-422X-10-213>

35. **Lednicky JA,** Loeb JC. Detection and Isolation of Airborne Influenza A H3N2 Virus Using a Sioutas Personal Cascade Impactor Sampler. Influenza Res Treat. 2013;2013:656825. doi: 10.1155/2013/656825. Epub 2013 Oct 10. PMID: 24224087; PMCID: PMC3810434.

<https://www.hindawi.com/journals/irt/2013/656825/>

36. **Lednicky JA**, Butel JS, Luetke MC, Loeb JC. Complete genomic sequence of a new Human polyomavirus 9 strain with an altered noncoding control region. Virus Genes. 2014 Dec;49(3):490-2. doi: 10.1007/s11262-014-1119-z. Epub 2014 Sep 27. PMID: 25260554.

<http://link.springer.com/article/10.1007/s11262-014-1119-z>

37. Memish ZA, Almasri M, Assirri A, Al-Shangiti AM, Gray GC, **Lednicky JA**, Yezli S. [Environmental sampling for respiratory pathogens in Jeddah airport during the 2013 Hajj season.](https://www.ncbi.nlm.nih.gov/pubmed/25465254) Am J Infect Control. 2014 Dec;42(12):1266-9. doi: 10.1016/j.ajic.2014.07.027. Epub 2014 Nov 25. PMID: 25465254

<http://www.sciencedirect.com/science/article/pii/S0196655314010293>

38. Sanpui P, Zheng X, Loeb JC, Bisesi JH Jr, Khan IA, Afrooz AR, Liu K, Badireddy AR, Wiesner MR, Ferguson PL, Saleh NB, **Lednicky JA,** Sabo-Attwood T. [Single-walled carbon nanotubes increase pandemic influenza A H1N1 virus infectivity of lung epithelial cells.](https://www.ncbi.nlm.nih.gov/pubmed/25497303) Part Fibre Toxicol. 2014 Dec 14;11:66. doi: 10.1186/s12989-014-0066-0. PMID: 25497303 PMCID: PMC4318452

<http://www.particleandfibretoxicology.com/content/11/1/66>

39. Fennelly KP, Tribby MD, Wu C-Y, Heil GL, Radonovich LJ, Loeb JC, **Lednicky JA**. Collection and measurement of aerosols of viable influenza virus in liquid media in an Andersen cascade impactor. Virus Adaptation and Treatment. 2014 Dec; 7**:**1–9. doi: <http://dx.doi.org/10.2147/VAAT.S74789>

40. Sayler KA, Barbet AF, Chamberlain C, Clapp WL, Alleman R, Loeb JC, **Lednicky JA**. [Isolation of Tacaribe virus, a Caribbean arenavirus, from host-seeking Amblyomma americanum ticks in Florida.](https://www.ncbi.nlm.nih.gov/pubmed/25536075) PLoS One. 2014 Dec 23;9(12):e115769. doi: 10.1371/journal.pone.0115769. eCollection 2014. PMID: 25536075 PMCID: PMC4275251 PMCID: PMC4275251.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0115769>

41. Perri MG, Peoples-Sheps M, Blue A, **Lednicky JA,** Prins C. Public health education at the University of Florida: synergism and educational innovation. Am J Public Health. 2015 Mar;105 Suppl 1(Suppl 1):S83-7. doi: 10.2105/AJPH.2014.302414. PMID: 25706027; PMCID: PMC4340009.

<https://ajph.aphapublications.org/doi/10.2105/AJPH.2014.302414?url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org&rfr_dat=cr_pub++0pubmed&>

42. Iovine NM, Morris JG Jr, Fredenburg K, Rand K, Alnuaimat H, Lipori G, Brew J, **Lednicky JA.** Severity of influenza A(H1N1) illness and emergence of D225G variant, 2013-14 influenza season, Florida, USA. Emerg Infect Dis. 2015 Apr;21(4):664-7. doi: 10.3201/eid2104.141375. PMID: 25811540; PMCID: PMC4378462.

<https://wwwnc.cdc.gov/eid/article/21/4/14-1375_article>

43. **Lednicky JA,** Iovine NM, Brew J, Loeb JC, Sugimoto JD, Rand KH, Morris JG Jr. Hemagglutinin Gene Clade 3C.2a Influenza A(H3N2) Viruses, Alachua County, Florida, USA, 2014-15. Emerg Infect Dis. 2016 Jan;22(1):121-3. doi: 10.3201/2201.151019. PMID: 26692074; PMCID: PMC4696699.

<https://wwwnc.cdc.gov/eid/article/22/1/15-1019_article>

44. Pan M, Eiguren-Fernandez A, Hsieh H, Afshar-Mohajer N, Hering SV, **Lednicky J**, Hugh Fan Z, Wu CY. Efficient collection of viable virus aerosol through laminar-flow, water-based condensational particle growth. J Appl Microbiol. 2016 Mar;120(3):805-15. doi: 10.1111/jam.13051. PMID: 26751045.

<https://sfamjournals.onlinelibrary.wiley.com/doi/full/10.1111/jam.13051>

45. Khan E, Farooqi JQ, Barr KL, Prakoso D, Nasir A, Kanji A, Shakoor S, Malik FR, Hasan R, **Lednicky JA**, Long MT. Flaviviruses as a cause of undifferentiated fever in Sindh Province, Pakistan: A preliminary report. Front Public Health. 2016 Feb 16;4:8. doi: 10.3389/fpubh.2016.00008. eCollection 2016. PMID: 26909342 PMCID: PMC4754388.

<http://journal.frontiersin.org/article/10.3389/fpubh.2016.00008/ful>

46. Artiaga BL, Yang G, Hackmann TJ, Liu Q, Richt JA, Salek-Ardakani S, Castleman WL, **Lednicky JA,** Driver JP. α-Galactosylceramide protects swine against influenza infection when administered as a vaccine adjuvant. Sci Rep. 2016 Mar 23;6:23593. doi: 10.1038/srep23593. PMID: 27004737 PMCID: PMC480428.

<https://www.nature.com/articles/srep23593>

47. Samuel J, Beck L, Appler J, Ballin J, Bushner D, Cahall R, Davenport M, Egan C, Gebhardt J, Hadfield T, Hale M, Hopkins K, Kato C, Kayatani A, Kesterson K, Khan S, Kiss K, **Lednicky J,** Naraghi-Arani P, O'Brien S, Ong K, Rebeil R, Roth K, Scheckelhoff M, Yost E, Coates S. Standard Method Performance Requirements (SMPRs) for Detection of *Coxiella burnetti*. AOAC SMPR 2015.011. J AOAC Int. 2016 Jan-Feb;99(1):298-302. doi: 10.5740/jaoac.int.SMPR2015.011. PMID:27053472

<http://www.ingentaconnect.com/content/aoac/jaoac/2016/00000099/00000001/art00036?token=0050137b8a039412f415d765525737b512b457a413843253048296a7c2849266d656cb0a646956cb>

48. **Lednicky J,** Pan M, Loeb J, Hsieh H, Eiguren-Fernandez A, Hering S, Fan ZH, Wu C-Y. Highly efficient collection of infectious pandemic Influenza H1N1 virus (2009) through laminar-flow water based condensation. Aerosol Science and Technology. 2016. **50**, no. 7, i–iv. DOI: 10.1080/02786826.2016.1179254.

<https://www.tandfonline.com/doi/full/10.1080/02786826.2016.1179254>

49. **Lednicky J**, Beau De Rochars VM, El Badry M, Loeb J, Telisma T, Chavannes S, Anilis G, Cella E, Ciccozzi M, Rashid M, Okech B, Salemi M, Morris JG Jr. Zika Virus Outbreak in Haiti in 2014: Molecular and Clinical Data. PLoS Negl Trop Dis. 2016 Apr 25;10(4):e0004687. doi: 10.1371/journal.pntd.0004687. PMID: 27111294; PMCID: PMC4844159. Chosen for **PLOS Editor’s Picks, Microbiology, Category: Clinical Science and Epidemiology**: 31 May 2016. <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0004687>

50. Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA**, Ma MJ, Lu J, Gray GC. Bioaerosol Sampling in Modern Agriculture: A Novel Approach for Emerging Pathogen Surveillance? J Infect Dis. 2016 Aug 15;214(4):537-45. doi: 10.1093/infdis/jiw180. Epub 2016 May 6. PMID: 27190187; PMCID: PMC4957437.

<https://academic.oup.com/jid/article/214/4/537/2237841>

51. Jiang X, Pan M, Hering SV, **Lednicky J**, Wu CY, Fan ZH. Use of RNA amplification and electrophoresis for studying virus aerosol collection efficiency and their comparison with plaque assays. Electrophoresis. 2016 Oct;37(19):2574-2580. doi: 10.1002/elps.201600141. Epub 2016 Jun 13. PMID: 27196379.

<http://onlinelibrary.wiley.com/doi/10.1002/elps.201600141/pdf>

52. White SK, Ma W, McDaniel CJ, Gray GC, Lednicky JA. Serologic evidence of exposure to influenza D virus among persons with occupational contact with cattle. J Clin Virol. 2016 Aug;81:31-3. doi: 10.1016/j.jcv.2016.05.017. Epub 2016 May 31. PMID: 27294672.

<https://www.sciencedirect.com/science/article/pii/S1386653216301160?via%3Dihub>

53. Elbadry M, **Lednicky J,** Cella E, Telisma T, Chavannes S, Loeb J, Ciccozzi M, Okech B, De Rochars VM, Salemi M, Morris JG Jr. Isolation of an Enterovirus D68 from blood from a child with pneumonia in rural Haiti: Close phylogenetic linkage with New York strain. Pediatr Infect Dis J. 2016 Sep;35(9):1048-50. doi: 10.1097/INF.0000000000001283.

PMID: 27331858’

<https://journals.lww.com/pidj/Fulltext/2016/09000/Isolation_of_an_Enterovirus_D68_from_Blood_from_a.29.aspx>

54. **Lednicky JA**, Bonny TS, Morris JG, Loeb JC. Complete Genome Sequence of Enterovirus D68 Detected in Classroom Air and on Environmental Surfaces. Genome Announc. 2016 Jun 16;4(3):e00579-16. doi: 10.1128/genomeA.00579-16. PMID: 27313311; PMCID: PMC4911490.

<https://mra.asm.org/content/4/3/e00579-16>

55. Cortés-Hinojosa G, Doescher B, Kinsel M, **Lednicky J,** Loeb J, Waltzek T and Wellehan, JFX, Jr. Coinfection of *California Sea Lion Adenovirus* 1 and a novel polyoma virus in a Hawaiian Monk Seal (*Neomonachus schauinslandi*). J Zoo Wildl Med. 2016 Jun;47(2):427-37. doi: 10.1638/2014-0252.1. PMID: 27468013.

<https://bioone.org/journals/journal-of-zoo-and-wildlife-medicine/volume-47/issue-2/2014-0252.1/COINFECTION-OF-CALIFORNIA-SEA-LION-ADENOVIRUS-1-AND-A-NOVEL/10.1638/2014-0252.1.full>

56.Wu Y, Shi W, Lin J, Wang M, Chen X, Liu K, Xie Y, Luo L, Anderson BD, Lednicky JA, Gray GC, Lu J, Wang T. Aerosolized avian influenza A (H5N6) virus isolated from a live poultry market, China. J Infect. 2017 Jan;74(1):89-91. doi: 10.1016/j.jinf.2016.08.002. Epub 2016 Aug 9. PMID: 27519618.

<https://www.sciencedirect.com/science/article/pii/S0163445316302055?via%3Dihub>

57. **Lednicky J,** De Rochars VM, Elbadry M, Loeb J, Telisma T, Chavannes S, Anilis G, Cella E, Ciccozzi M, Okech B, Salemi M, Morris JG Jr. Mayaro Virus in Child with Acute Febrile Illness, Haiti, 2015. Emerg Infect Dis. 2016 Nov;22(11):2000-2002. doi: 10.3201/eid2211.161015. Erratum in: Emerg Infect Dis. 2017 Apr;23(4):724. PMID: 27767924; PMCID: PMC5088037.

<https://wwwnc.cdc.gov/eid/article/22/11/16-1015_article>

58. Iovine NM, **Lednicky J,** Cherabuddi K, Crooke H, White SK, Loeb JC, Cella E, Ciccozzi M, Salemi M, Morris JG Jr. Coinfection With Zika and Dengue-2 Viruses in a Traveler Returning From Haiti, 2016: Clinical Presentation and Genetic Analysis. Clin Infect Dis. 2017 Jan 1;64(1):72-75. doi: 10.1093/cid/ciw667. Epub 2016 Sep 29. PMID: 27694479; PMCID: PMC6394129.

<https://academic.oup.com/cid/article/64/1/72/2354571>

**Picked as one of EDITOR’S CHOICE**

59.Beau De Rochars VM, **Lednicky J,** White S, Loeb J, Elbadry MA, Telisma T, Chavannes S, Anilis MG, Cella E, Ciccozzi M, Okech BA, Salemi M, Morris JG Jr. Isolation of Coronavirus NL63 from Blood from Children in Rural Haiti: Phylogenetic Similarities with Recent Isolates from Malaysia. Am J Trop Med Hyg. 2017 Jan 11;96(1):144-147. doi: 10.4269/ajtmh.16-0585. Epub 2016 Oct 31. PMID: 27799635; PMCID: PMC5239682.

<https://www.ajtmh.org/view/journals/tpmd/96/1/article-p144.xml>

60. Cherabuddi K, Iovine NM, Shah K, White SK, Paisie T, Salemi M, Morris JG Jr, **Lednicky JA.** Zika and Chikungunya virus co-infection in a traveller returning from Colombia, 2016: virus isolation and genetic analysis. JMM Case Rep. 2016 Dec 19;3(6):e005072. doi: 10.1099/jmmcr.0.005072. PMID: 28348794; PMCID: PMC5343122.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5343122/>

61.Artiaga BL, Yang G, Hutchinson TE, Loeb JC, Richt JA, **Lednicky JA**, Salek-Ardakani S, Driver JP. Rapid control of pandemic H1N1 influenza by targeting NKT-cells. Sci Rep. 2016 Nov 29;6:37999. doi: 10.1038/srep37999. PMID: 27897246; PMCID: PMC5126553.

<https://www.nature.com/articles/srep37999>

62. Bonny TS, Driver JP, Paisie T, Salemi M, Morris JG, Shender LA, Smith L, Enloe C, Oxenrider K, Gore JA, Loeb JC, Wu CY, **Lednicky JA.** Detection of Alphacoronavirus vRNA in the Feces of Brazilian Free-Tailed Bats (Tadarida brasiliensis) from a Colony in Florida, USA. Diseases. 2017 Feb 27;5(1):7. doi: 10.3390/diseases5010007. PMID: 28933360; PMCID: PMC5456339.

<https://www.mdpi.com/2079-9721/5/1/7>

63. White SK, Morris JG Jr, Elbadry MA, Beau De Rochars VM, Okech BA, **Lednicky JA.** Complete Genome Sequences of Chikungunya Viruses Isolated from Plasma Specimens Collected from Haitians in 2014. Genome Announc. 2017 Apr 13;5(15):e00148-17. doi: 10.1128/genomeA.00148-17. PMID: 28408671; PMCID: PMC5391409.

<https://journals.asm.org/doi/10.1128/genomeA.00148-17>

64.Bonny TS, Pan M, Loeb JC, Jiang X, Eiguren-Fernandez A, Hering S, Fan ZH, Wu CY, **Lednicky JA.** Drifted Influenza A and B Viruses Collected by a Water-Based Condensation Growth Air Sampler in a Student Health Care Center during an Influenza Outbreak. Genome Announc. 2017 Apr 13;5(15):e00178-17. doi: 10.1128/genomeA.00178-17. PMID: 28408687; PMCID: PMC5391425.

<https://journals.asm.org/doi/10.1128/genomeA.00178-17>

65.Blohm GM, **Lednicky JA,** Márquez M, White SK, Loeb JC, Pacheco CA, Nolan DJ, Paisie T, Salemi M, Rodríguez-Morales AJ, Morris JG Jr, Pulliam JRC, Carrillo AS, Plaza JD, Paniz-Mondolfi AE. Complete Genome Sequences of Identical Zika virus Isolates in a Nursing Mother and Her Infant. Genome Announc. 2017 Apr 27;5(17):e00231-17. doi: 10.1128/genomeA.00231-17. PMID: 28450510; PMCID: PMC5408108.

<https://journals.asm.org/doi/10.1128/genomeA.00231-17>

Listed in CIDRAP news May 19, 2017: http://www.cidrap.umn.edu/infectious-disease-topics/zika#literature

66.Elbadry M, White S, Loeb J, Tagliamonte M, Salemi M, Beau De Rochars JVM, Okech B, Morris G Jr, **Lednicky J.** Complete Genomic Sequence of Dengue virus 1, Isolated from Plasma Collected from a Haitian Child in 2014. Genome Announc. 2017 Jun 1;5(22):e00331-17. doi: 10.1128/genomeA.00331-17. PMID: 28572304; PMCID: PMC5454187.

<https://journals.asm.org/doi/10.1128/genomeA.00331-17>

67.Rand KH, Pieretti M, Arcenas R, Beal SG, Houck H, Boslet E, **Lednicky JA.** Semi-quantitative Influenza A population averages from a multiplex respiratory viral panel (RVP): potential for reflecting target sequence changes affecting the assay. Virol J. 2017 Jul 14;14(1):128. doi: 10.1186/s12985-017-0796-3. PMID: 28709460; PMCID: PMC5513141.

<https://virologyj.biomedcentral.com/articles/10.1186/s12985-017-0796-3>

68. White SK, Iovine NM, Nickels LC, Morris JG Jr, **Lednicky JA.** Complete Genome Sequence of Dengue virus Type 2 from a Resident of North-Central Florida with Locally Transmitted Dengue Fever. Genome Announc. 2017 Aug 3;5(31):e00782-17. doi: 10.1128/genomeA.00782-17. PMID: 28774993; PMCID: PMC5543655.

<https://journals.asm.org/doi/10.1128/genomeA.00782-17>

69. Humes ST, Hentschel S, Lavelle CM, Smith LC, **Lednicky JA,** Saleh NB, Sabo-Attwood T. Overcoming qRT-PCR interference by select carbon nanotubes in assessments of gene expression. Biotechniques. 2017 Aug 1;63(2):81-84. doi: 10.2144/000114578. PMID: 28803544; PMCID: PMC6260796.

<https://www.future-science.com/doi/10.2144/000114578?url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org&rfr_dat=cr_pub++0pubmed&>

70. Mavian C, Rife BD, Dollar JJ, Cella E, Ciccozzi M, Prosperi MCF, **Lednicky J,** Morris JG, Capua I, Salemi M. Emergence of recombinant Mayaro virus strains from the Amazon basin. Sci Rep. 2017 Aug 18;7(1):8718. doi: 10.1038/s41598-017-07152-5. PMID: 28821712; PMCID: PMC5562835.

<https://www.nature.com/articles/s41598-017-07152-5>

**7**1. Bonny TS, Yezli S, **Lednicky JA.** Isolation and identification of human coronavirus 229E from frequently touched environmental surfaces of a university classroom that is cleaned daily. Am J Infect Control. 2018 Jan;46(1):105-107. doi: 10.1016/j.ajic.2017.07.014. Epub 2017 Oct 12. PMID: 28893443; PMCID: PMC7115338.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7115338/?report=reader>

72**.** Ma MJ, Wang GL, Anderson BD, Bi ZQ, Lu B, Wang XJ, Wang CX, Chen SH, Qian YH, Song SX, Li M, **Lednicky JA,** Zhao T, Wu MN, Cao WC, Gray GC. Evidence for Cross-species Influenza A Virus Transmission Within Swine Farms, China: A One Health, Prospective Cohort Study. Clin Infect Dis. 2018 Feb 1;66(4):533-540. doi: 10.1093/cid/cix823. PMID: 29401271; PMCID: PMC5848305.

<https://academic.oup.com/cid/article/66/4/533/4159393>

**Editor’s Choice (16 Sept. 2017)**

73. Elbadry MA, White SK, Loeb JC, Tagliamonte MS, Salemi M, Beau De Rochars VM, Telisma T, Rashid M, Morris JG Jr, **Lednicky JA.** Complete Genomic Sequence of Dengue Virus Serotype 4 Isolated from Plasma Collected from a Haitian Child in 2014. Genome Announc. 2017 Oct 5;5(40):e01160-17. doi: 10.1128/genomeA.01160-17. PMID: 28983011; PMCID: PMC5629068.

<https://mra.asm.org/content/5/40/e01160-17>

74.Pan M, Bonny TS, Loeb J, Jiang X, **Lednicky JA,** Eiguren-Fernandez A, Hering S, Fan ZH, Wu CY. Collection of Viable Aerosolized Influenza Virus and Other Respiratory Viruses in a Student Health Care Center through Water-Based Condensation Growth. mSphere. 2017 Oct 11;2(5):e00251-17. doi: 10.1128/mSphere.00251-17. PMID: 29034325; PMCID: PMC5636224.

<https://msphere.asm.org/content/2/5/e00251-17>

75.Subramaniam K, **Lednicky JA,** Loeb J, Sayler KA, Wisely SM, Waltzek TB. Genomic Sequences of Epizootic Hemorrhagic Disease Viruses Isolated from Florida White-Tailed Deer. Genome Announc. 2017 Oct 26;5(43):e01174-17. doi: 10.1128/genomeA.01174-17. PMID: 29074661; PMCID: PMC5658499.

<https://mra.asm.org/content/5/43/e01174-17>

76.Moens U, Song X, Van Ghelue M, **Lednicky JA,** Ehlers B. A Role of Sp1 Binding Motifs in Basal and Large T-Antigen-Induced Promoter Activities of Human Polyomavirus HPyV9 and Its Variant UF-1. Int J Mol Sci. 2017 Nov 14;18(11):2414. doi: 10.3390/ijms18112414. PMID: 29135936; PMCID: PMC5713382.

<https://www.mdpi.com/1422-0067/18/11/2414>

77. Bonny TS, Subramaniam K, Waltzek TB, Elbadry MA, Beau De Rochars VM, Telisma T, Rashid M, Morris JG Jr, **Lednicky JA.** Complete Genome Sequence of Human Coronavirus Strain 229E Isolated from Plasma Collected from a Haitian Child in 2016. Genome Announc. 2017 Nov 22;5(47):e01313-17. doi: 10.1128/genomeA.01313-17. PMID: 29167251; PMCID: PMC5701476.

<https://mra.asm.org/content/5/47/e01313-17>

78. Chen H, Zheng X, Nicholas J, Humes ST, Loeb JC, Robinson SE, Bisesi JH Jr, Das D, Saleh NB, Castleman WL, **Lednicky JA**, Sabo-Attwood T. Single-walled carbon nanotubes modulate pulmonary immune responses and increase pandemic influenza a virus titers in mice. Virol J. 2017 Dec 22;14(1):242. doi: 10.1186/s12985-017-0909-z. PMID: 29273069.

<https://www.ncbi.nlm.nih.gov/pubmed/29273069>

79. Blohm GM, **Lednicky JA,** Márquez M, White SK, Loeb JC, Pacheco CA, Nolan DJ, Paisie T, Salemi M, Rodríguez-Morales AJ, Glenn Morris J Jr, Pulliam JRC, Paniz-Mondolfi AE. Evidence for Mother-to-Child Transmission of Zika Virus Through Breast Milk. Clin Infect Dis. 2018 Mar 19;66(7):1120-1121. doi: 10.1093/cid/cix968. PMID: 29300859; PMCID: PMC6019007.

<https://academic.oup.com/cid/article/66/7/1120/4782287>

80.Yu H, Afshar-Mohajer N, Theodore AD, **Lednicky JA,** Fan ZH, Wu CY. An efficient virus aerosol sampler enabled by adiabatic expansion. J Aerosol Sci. 2018 Mar;117:74-84. doi: 10.1016/j.jaerosci.2018.01.001. Epub 2018 Jan 4. PMID: 32226117; PMCID: PMC7094368.

<https://doi.org/10.1016/j.jaerosci.2018.01.001>.

81. Khan E, Barr KL, Farooqi JQ, Prakoso D, Abbas A, Khan ZY, Ashi S, Imtiaz K, Aziz Z, Malik F, **Lednicky JA,** Long MT. Human West Nile Virus Disease Outbreak in Pakistan, 2015-2016. Front Public Health. 2018 Feb 27;6:20. doi: 10.3389/fpubh.2018.00020. Erratum in: Front Public Health. 2019 Jan 29;6:384. PMID: 29535994; PMCID: PMC5835076.

<https://www.frontiersin.org/articles/10.3389/fpubh.2018.00020/full>

82. Ahasan MS, Subramaniam K, **Lednicky JA,** Loeb JC, Sayler KA, Wisely SM, Waltzek TB. Complete Genome Sequence of Epizootic hemorrhagic disease virus Serotype 6, Isolated from Florida White-Tailed Deer (Odocoileus virginianus). Genome Announc. 2018 Apr 5;6(14):e00160-18. doi: 10.1128/genomeA.00160-18. PMID: 29622607; PMCID: PMC5887027.

<https://mra.asm.org/content/6/14/e00160-18>

83.Blohm GM, **Lednicky JA,** White SK, Mavian CN, Márquez MC, González-García KP, Salemi M, Morris JG Jr, Paniz-Mondolfi AE. Madariaga Virus: Identification of a Lineage III Strain in a Venezuelan Child With Acute Undifferentiated Febrile Illness, in the Setting of a Possible Equine Epizootic. Clin Infect Dis. 2018 Aug 1;67(4):619-621. doi: 10.1093/cid/ciy224. PMID: 29718127; PMCID: PMC6070041.

<https://academic.oup.com/cid/article/67/4/619/4989405>

84. White SK, Mavian C, Salemi M, Morris JG Jr, Elbadry MA, Okech BA, **Lednicky JA,** Dunford JC. A new "American" subgroup of African-lineage Chikungunya virus detected in and isolated from mosquitoes collected in Haiti, 2016. PLoS One. 2018 May 10;13(5):e0196857. doi: 10.1371/journal.pone.0196857. PMID: 29746539; PMCID: PMC5944945.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0196857>

85. Pan M, Carol L, **Lednicky JA**, Eiguren-Fernandez A, Hering S, Fan ZH, Wu CY.

Collection of airborne bacteria and yeast through water-based condensational growth. Aerobiologia 34, 337–348 (2018).

<https://doi.org/10.1007/s10453-018-9517-7>

86. White SK, Mavian C, Elbadry MA, Beau De Rochars VM, Paisie T, Telisma T, Salemi M, **Lednicky JA,** Morris JG Jr. Detection and phylogenetic characterization of arbovirus dual-infections among persons during a chikungunya fever outbreak, Haiti 2014. PLoS Negl Trop Dis. 2018 May 31;12(5):e0006505. doi: 10.1371/journal.pntd.0006505. PMID: 29851952; PMCID: PMC5997359.

<https://doi.org/10.1371/journal.pntd.0006505>

87. **Lednicky JA,** White SK, Stephenson CJ, Cherabuddi K, Loeb JC, Moussatche N, Lednicky A, Morris JG Jr. Keystone Virus Isolated From a Florida Teenager With Rash and Subjective Fever: Another Endemic Arbovirus in the Southeastern United States? Clin Infect Dis. 2019 Jan 1;68(1):143-145. doi: 10.1093/cid/ciy485. PMID: 29893806.

<https://academic.oup.com/cid/article/68/1/143/5035220>

88.Barr KL, Khan E, Farooqi JQ, Imtiaz K, Prakoso D, Malik F, **Lednicky JA,** Long MT. Evidence of Chikungunya Virus Disease in Pakistan Since 2015 With Patients Demonstrating Involvement of the Central Nervous System. Front Public Health. 2018 Jul 10;6:186. doi: 10.3389/fpubh.2018.00186. PMID: 30042937; PMCID: PMC6048291.

<https://www.frontiersin.org/articles/10.3389/fpubh.2018.00186/full>

89.Blohm GM, Paniz-Mondolfi AE, Márquez MC, Loeb JC, Pacheco C, **Lednicky JA,** Pulliam JRC, Morris JG Jr. Complete Genome Sequence of Dengue Virus Serotype 2, Asian/American Genotype, Isolated from the Urine of a Venezuelan Child with Hemorrhagic Fever in 2016. Genome Announc. 2018 Jun 14;6(24):e00529-18. doi: 10.1128/genomeA.00529-18. PMID: 29903824; PMCID: PMC6003737.

<https://mra.asm.org/content/6/24/e00529-18>

90**.** White SK, **Lednicky JA,** Okech BA, Morris JG Jr, Dunford JC. Spondweni Virus in Field-Caught Culex quinquefasciatus Mosquitoes, Haiti, 2016. Emerg Infect Dis. 2018 Sep;24(9):1765-1767. doi: 10.3201/eid2409.171957. PMID: 30124422; PMCID: PMC6106418.

<https://wwwnc.cdc.gov/eid/article/24/9/17-1957_article>

91. Ball JD, Elbadry MA, Telisma T, White SK, Chavannes S, Anilis MG, Prosperi M, Cummings DAT, **Lednicky JA,** Morris JG, Beau de Rochars M. Clinical and Epidemiologic Patterns of Chikungunya Virus Infection and Coincident Arboviral Disease in a School Cohort in Haiti, 2014-2015. Clin Infect Dis. 2019 Mar 5;68(6):919-926. doi: 10.1093/cid/ciy582. PMID: 30184178; PMCID: PMC6399436.

<https://academic.oup.com/cid/article/68/6/919/5088846>

92. Sayler KA, Subramaniam K, Jacob JM, Loeb JC, Craft WF, Farina LL, Stacy NI, Moussatche N, Cook L, **Lednicky JA,** Wisely SM, Waltzek TB. Characterization of mule deerpox virus in Florida white-tailed deer fawns expands the known host and geographic range of this emerging pathogen. Arch Virol. 2019 Jan;164(1):51-61. doi: 10.1007/s00705-018-3991-7. Epub 2018 Sep 21. PMID: 30238163.

<https://link.springer.com/article/10.1007/s00705-018-3991-7>

93: Jiang X, Loeb JC, Manzanas C, **Lednicky JA,** Fan ZH. Valve-Enabled Sample Preparation and RNA Amplification in a Coffee Mug for Zika Virus Detection. Angew Chem Int Ed Engl. 2018 Dec 21;57(52):17211-17214. doi: 10.1002/anie.201809993. Epub 2018 Nov 27. PMID: 30358036.

<https://onlinelibrary.wiley.com/doi/full/10.1002/anie.201809993>

94: **Lednicky JA,** White SK, Mavian CN, El Badry MA, Telisma T, Salemi M, OKech BA, Beau De Rochars VM, Morris JG Jr. Emergence of Madariaga virus as a cause of acute febrile illness in children, Haiti, 2015-2016. PLoS Negl Trop Dis. 2019 Jan 10;13(1):e0006972. doi: 10.1371/journal.pntd.0006972. PMID: 30629592; PMCID: PMC6328082.

<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0006972>

95. Ahasan MS, Campos Krauer JM, Subramaniam K, **Lednicky JA,** Loeb JC, Sayler KA, Wisely SM, Waltzek TB. Complete Genome Sequence of Mobuck Virus Isolated from a Florida White-Tailed Deer (Odocoileus virginianus). Microbiol Resour Announc. 2019 Jan 17;8(3):e01324-18. doi: 10.1128/MRA.01324-18. PMID: 30687822; PMCID: PMC6346154.

<https://mra.asm.org/content/8/3/e01324-18>

96. Paniz-Mondolfi AE, Tami A, Grillet ME, Márquez M, Hernández-Villena J, Escalona-Rodríguez MA, Blohm GM, Mejías I, Urbina-Medina H, Rísquez A, Castro J, Carvajal A, Walter C, López MG, Schwabl P, Hernández-Castro L, Miles MA, Hotez PJ, **Lednicky J,** Morris JG Jr, Crainey J, Luz S, Ramírez JD, Sordillo E, Llewellyn M, Canache M, Araque M, Oletta J. Resurgence of Vaccine-Preventable Diseases in Venezuela as a Regional Public Health Threat in the Americas. Emerg Infect Dis. 2019 Apr;25(4):625-632. doi: 10.3201/eid2504.181305. Epub 2019 Apr 17. PMID: 30698523; PMCID: PMC6433037.

<https://wwwnc.cdc.gov/eid/article/25/4/18-1305_article>

97. Pan M, Carol L, **Lednicky JA**, Eiguren-Fernandez A, Hering S, Fan ZH, Wu CY. Determination of the distribution of infectious viruses in aerosol particles using water-based condensational growth technology and a bacteriophage MS2 model. Aerosol Sci Technol. 2019;53(5):583-593. doi: 10.1080/02786826.2019.1581917. Epub 2019 Mar 19. PMID: 31359905; PMCID: PMC6663101. <https://www.tandfonline.com/doi/full/10.1080/02786826.2019.1581917>

98.Ahasan MS, Krauer JMC, Subramaniam K, **Lednicky JA,** Loeb JC, Sayler KA, Wisely SM, Waltzek TB. Genome Sequences of a Novel Strain of Big Cypress Orbivirus Isolated from a Dead Florida White-Tailed Deer (Odocoileus virginianus). Microbiol Resour Announc. 2019 Mar 14;8(11):e01717-18. doi: 10.1128/MRA.01717-18. PMID: 30938331; PMCID: PMC6424215.

<https://mra.asm.org/content/8/11/e01717-18>

99. Ahasan MS, Subramaniam K, Sayler KA, Loeb JC, Popov VL, **Lednicky JA,** Wisely SM, Campos Krauer JM, Waltzek TB. Molecular characterization of a novel reassortment Mammalian orthoreovirus type 2 isolated from a Florida white-tailed deer fawn. Virus Res. 2019 Sep;270:197642. doi: 10.1016/j.virusres.2019.197642. Epub 2019 Jun 19. PMID: 31228510.

<https://www.sciencedirect.com/science/article/pii/S0168170219301959?via%3Dihub>

100.Chen H, Humes ST, Robinson SE, Loeb JC, Sabaraya IV, Saleh NB, Khattri RB, Merritt ME, Martyniuk CJ, **Lednicky JA,** Sabo-Attwood T. Single-walled carbon nanotubes repress viral-induced defense pathways through oxidative stress. Nanotoxicology. 2019 Nov;13(9):1176-1196. doi: 10.1080/17435390.2019.1645903. Epub 2019 Sep 27. PMID: 31328592; PMCID: PMC6803130.

<https://www.tandfonline.com/doi/abs/10.1080/17435390.2019.1645903?journalCode=inan20>

101. Blohm G, Elbadry MA, Mavian C, Stephenson C, Loeb J, White S, Telisma T, Chavannes S, Beau De Rochar VM, Salemi M, **Lednicky JA,** Morris JG Jr. Mayaro as a Caribbean traveler: Evidence for multiple introductions and transmission of the virus into Haiti. Int J Infect Dis. 2019 Oct;87:151-153. doi: 10.1016/j.ijid.2019.07.031. Epub 2019 Aug 2. PMID: 31382049.

<https://www.sciencedirect.com/science/article/pii/S1201971219303170?via%3Dihub>

102. Tilly TB, Ward RX, Luthra JK, Robinson S, Eiguren-Fernandez A, Lewis GS, Salisbury RL, Lednicky JA, Sabo-Attwood TL, Hussain SM, Wu CY. Condensational particle growth device for reliable cell exposure at the air-liquid interface to nanoparticles. Aerosol Sci Technol. 2019;53(12):1415-1428. doi: 10.1080/02786826.2019.1659938. Epub 2019 Sep 16. PMID: 33033421; PMCID: PMC7540808.

<https://www.tandfonline.com/doi/pdf/10.1080/02786826.2019.1659938?needAccess=true>

103.Blohm GM, Márquez-Colmenarez MC, Lednicky JA, Bonny TS, Mavian C, Salemi M, Delgado-Noguera L, Morris JG, Paniz-Mondolfi AE. Isolation of Mayaro Virus from a Venezuelan Patient with Febrile Illness, Arthralgias, and Rash: Further Evidence of Regional Strain Circulation and Possible Long-Term Endemicity. Am J Trop Med Hyg. 2019 Dec;101(6):1219-1225. doi: 10.4269/ajtmh.19-0357. PMID: 31595869; PMCID: PMC6896866.

<https://www.ajtmh.org/content/journals/10.4269/ajtmh.19-0357>

104. Ahasan MS, Subramaniam K, Campos Krauer JM, Sayler KA, Loeb JC, Goodfriend OF, Barber HM, Stephenson CJ, Popov VL, Charrel RN, Wisely SM, Waltzek TB, **Lednicky JA.** Three New Orbivirus Species Isolated from Farmed White-Tailed Deer (Odocoileus virginianus) in the United States. Viruses. 2019 Dec 20;12(1):13. doi: 10.3390/v12010013. PMID: 31861885; PMCID: PMC7019857.

<https://www.mdpi.com/1999-4915/12/1/13>

105. Paniz-Mondolfi A, Bryce C, Grimes Z, Gordon RE, Reidy J, **Lednicky J,** Sordillo EM, Fowkes M. Central nervous system involvement by severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). J Med Virol. 2020 Jul;92(7):699-702. doi: 10.1002/jmv.25915. PMID: 32314810; PMCID: PMC7264598.

Format:<https://onlinelibrary.wiley.com/doi/abs/10.1002/jmv.25915>

106. Boyles SM, Mavian CN, Finol E, Ukhanova M, Stephenson CJ, Hamerlinck G, Kang S, Baumgartner C, Geesey M, Stinton I, Williams K, Mathias DK, Prosperi M, Mai V, Salemi M, Buckner EA, **Lednicky JA,** Rivers AR, Dinglasan RR. Under-the-Radar Dengue Virus Infections in Natural Populations of Aedes aegypti Mosquitoes. mSphere. 2020 Apr 29;5(2):e00316-20. doi: 10.1128/mSphere.00316-20. PMID: 32350095; PMCID: PMC7193045.

<https://msphere.asm.org/content/5/2/e00316-20>

107. **Lednicky JA,** Shankar SN, Elbadry MA, Gibson JC, Alam MM, Stephenson CJ, Eiguren-Fernandez A, Morris JG, Mavian CN, Salemi M, Clugston JR, Wu CY. Collection of SARS-CoV-2 Virus from the Air of a Clinic Within a University Student Health Care Center and Analyses of the Viral Genomic Sequence. Aerosol Air Qual Res. 2020 Jun;20(6):1167-1171. doi: 10.4209/aaqr.2020.02.0202. Epub 2020 May 25. PMID: 33424954; PMCID: PMC7792982.

<https://doi.org/10.4209/aaqr.2020.02.0202>

108.Rodrigues TCS, **Lednicky JA,** Loeb JC, Campos Krauer JM, Wisely SM, Waltzek TB, Subramaniam K. Genome Sequence of a CHeRI Orbivirus 3 Strain Isolated from a Dead White-Tailed Deer (Odocoileus virginianus) in Florida, USA. Microbiol Resour Announc. 2020 Jun 25;9(26):e00523-20. doi: 10.1128/MRA.00523-20. PMID: 32586868; PMCID: PMC7317105.

<https://mra.asm.org/content/9/26/e00523-20>

109. Chen H, Humes ST, Rose M, Robinson SE, Loeb JC, Sabaraya IV, Smith LC, Saleh NB, Castleman WL, **Lednicky JA,** Sabo-Attwood T. Hydroxyl functionalized multi-walled carbon nanotubes modulate immune responses without increasing 2009 pandemic influenza A/H1N1 virus titers in infected mice. Toxicol Appl Pharmacol. 2020 Oct 1;404:115167. doi: 10.1016/j.taap.2020.115167. Epub 2020 Aug 7. PMID: 32771490.

<https://www.sciencedirect.com/science/article/pii/S0041008X20302933?via%3Dihub>

110. Fieldhouse JK, Bailey ES, Toh TH, Hii KC, Mallinson KA, Ting J, **Lednicky JA,** Berita A, Nguyen TT, Galan D, Than ST, Wong SC, Wong TM, Blair PJ, Gray GC. Panspecies molecular assays detect viral pathogens missed by real-time PCR/reverse-transcriptase PCR among pneumonia patients, Sarawak, Malaysia. Trop Dis Travel Med Vaccines. 2020 Aug 12;6:13. doi: 10.1186/s40794-020-00114-2. PMID: 32817802; PMCID: PMC7422451.

<https://www.sciencedirect.com/science/article/pii/S0145305X20303980?via%3Dihub>

111.Gu W, Madrid DMD, Yang G, Artiaga BL, Loeb JC, Castleman WL, Richt JA, **Lednicky JA,** Driver JP. Unaltered influenza disease outcomes in swine prophylactically treated with α-galactosylceramide. Dev Comp Immunol. 2021 Jan;114:103843. doi: 10.1016/j.dci.2020.103843. Epub 2020 Aug 29. PMID: 32871161; PMCID: PMC8119227.<https://pubmed.ncbi.nlm.nih.gov/32871161/>

112. Binder RA, Alarja NA, Robie ER, Kochek KE, Xiu L, Rocha-Melogno L, Abdelgadir A, Goli SV, Farrell AS, Coleman KK, Turner AL, Lautredou CC, Lednicky JA, Lee MJ, Polage CR, Simmons RA, Deshusses MA, Anderson BD, Gray GC. Environmental and Aerosolized Severe Acute Respiratory Syndrome Coronavirus 2 Among Hospitalized Coronavirus Disease 2019 Patients. J Infect Dis. 2020 Nov 9;222(11):1798-1806. doi: 10.1093/infdis/jiaa575. PMID: 32905595; PMCID: PMC7499634.

<https://academic.oup.com/jid/article/222/11/1798/5903399>

113. **Lednicky JA,** Lauzardo M, Fan ZH, Jutla A, Tilly TB, Gangwar M, Usmani M, Shankar SN, Mohamed K, Eiguren-Fernandez A, Stephenson CJ, Alam MM, Elbadry MA, Loeb JC, Subramaniam K, Waltzek TB, Cherabuddi K, Morris JG Jr, Wu CY. Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients. Int J Infect Dis. 2020 Nov;100:476-482. doi: 10.1016/j.ijid.2020.09.025. Epub 2020 Sep 16. PMID: 32949774; PMCID: PMC7493737.

[https://www.sciencedirect.com/science/article/pii/S1201971220307396?via%3Dihub#](https://www.sciencedirect.com/science/article/pii/S1201971220307396?via%3Dihub)!

114. Carbone M, **Lednicky J,** Xiao SY, Venditti M, Bucci E. Coronavirus 2019 Infectious Disease Epidemic: Where We Are, What Can Be Done and Hope For. J Thorac Oncol. 2021 Apr;16(4):546-571. doi: 10.1016/j.jtho.2020.12.014. Epub 2021 Jan 7. PMID: 33422679; PMCID: PMC7832772.

<https://www.sciencedirect.com/science/article/pii/S1556086420311400?via%3Dihub>

\*Article selected by the IASLC (international Assoc for the Study of Lung Cancer) as the highlight of the month.

115. **Lednicky J,** Salemi M, Subramaniam K, Waltzek TB, Sabo-Attwood T, Loeb JC, Hentschel S, Tagliamonte MS, Marini S, Alam MM, Stephenson CJ, Elbadry M, Morris JG Jr. Earliest detection to date of SARS-CoV-2 in Florida: Identification together with influenza virus on the main entry door of a university building, February 2020. PLoS One. 2021 Jan 13;16(1):e0245352. doi: 10.1371/journal.pone.0245352. PMID: 33439885; PMCID: PMC7806172.

<https://doi.org/10.1371/journal.pone.0245352>.

116. Nelson EJ, McKune SL, Ryan KA, **Lednicky JA,** Crowe SR, Myers PD, Morris JG Jr. SARS-CoV-2 Positivity on or After 9 Days Among Quarantined Student Contacts of Confirmed Cases. JAMA. 2021 Feb 19:e212392. doi: 10.1001/jama.2021.2392. Epub ahead of print. PMID: 33605978; PMCID: PMC7896242.

<https://jamanetwork.com/journals/jama/fullarticle/2776857>

117.**Lednicky JA**, Cherabuddi K, Tagliamonte MS, Elbadry MA, Subramaniam K, Waltzek TB, Morris JG Jr. In-Frame 12-Nucleotide Deletion within Open Reading Frame 3a in a SARS-CoV-2 Strain Isolated from a Patient Hospitalized with COVID-19. Microbiol Resour Announc. 2021 Feb 25;10(8):e00137-21. doi: 10.1128/MRA.00137-21. PMID: 33632859; PMCID: PMC7909084.

<https://mra.asm.org/content/10/8/e00137-21>

118. McGregor BL, Erram D, Alto BW, **Lednicky JA,** Wisely SM, Burkett-Cadena ND. Vector Competence of Florida Culicoides insignis (Diptera: Ceratopogonidae) for Epizootic Hemorrhagic Disease Virus Serotype-2. Viruses. 2021 Mar 5;13(3):410. doi: 10.3390/v13030410. PMID: 33807536; PMCID: PMC7998304.

<https://www.mdpi.com/1999-4915/13/3/410>

119.Bryce C, Grimes Z, Pujadas E, Ahuja S, Beasley MB, Albrecht R, Hernandez T, Stock A, Zhao Z, AlRasheed MR, Chen J, Li L, Wang D, Corben A, Haines GK 3rd, Westra WH, Umphlett M, Gordon RE, Reidy J, Petersen B, Salem F, Fiel MI, El Jamal SM, Tsankova NM, Houldsworth J, Mussa Z, Veremis B, Sordillo E, Gitman MR, Nowak M, Brody R, Harpaz N, Merad M, Gnjatic S, Liu WC, Schotsaert M, Miorin L, Aydillo Gomez TA, Ramos-Lopez I, Garcia-Sastre A, Donnelly R, Seigler P, Keys C, Cameron J, Moultrie I, Washington KL, Treatman J, Sebra R, Jhang J, Firpo A, **Lednicky J,** Paniz-Mondolfi A, Cordon-Cardo C, Fowkes ME. Pathophysiology of SARS-CoV-2: the Mount Sinai COVID-19 autopsy experience. Mod Pathol. 2021 Apr 1:1–12. doi: 10.1038/s41379-021-00793-y. Epub ahead of print. PMID: 33795830; PMCID: PMC8015313.

<https://www.nature.com/articles/s41379-021-00793-y>

120. **Lednicky JA,** Lauzardo M, Alam MM, Elbadry MA, Stephenson CJ, Gibson JC, Morris JG Jr. Isolation of SARS-CoV-2 from the air in a car driven by a COVID patient with mild illness. Int J Infect Dis. 2021 Apr 23:S1201-9712(21)00375-1. doi: 10.1016/j.ijid.2021.04.063. Epub ahead of print. PMID: 33901650; PMCID: PMC8064821.

<https://www.ijidonline.com/article/S1201-9712(21)00375-1/pdf>

121.Jiang X, Loeb JC, Pan M, Tilly T, Eiguren-Fernandez A, **Lednicky J,** Wu C-Y, Fan ZH. Integration of sample preparation with RNA-Amplification in a hand-held device for airborne virus detection. Analytica Chimica Acta. 2021 Jun;1165:338542. DOI: 10.1016/j.aca.2021.338542.

<https://www.sciencedirect.com/science/article/pii/S0003267021003688>

122. Viadanna PHO, Rodrigues TCS, Subramaniam K, Campos Krauer JM, **Lednicky JA,** Loeb JC, Wisely SM, Waltzek TB. Genome Sequence of a Yunnan Orbivirus Isolated from a Dead Florida White-Tailed Deer (Odocoileus virginianus). Microbiol Resour Announc. 2021 May 6;10(18):e00168-21. doi: 10.1128/MRA.00168-21. PMID: 33958414; PMCID: PMC8103859.

<https://mra.asm.org/content/10/18/e00168-21>

123. Russo M, Humes ST, Figueroa AM, Tagmount A, Zhang P, Loguinov A, **Lednicky JA,** Sabo-Attwood T, Vulpe CD, Liu B. Organochlorine Pesticide Dieldrin Suppresses Cellular Interferon-related Antiviral Gene Expression. Toxicol Sci. 2021 May 29:kfab064. doi: 10.1093/toxsci/kfab064. Epub ahead of print. PMID: 34051100.

<https://academic.oup.com/toxsci/advance-article/doi/10.1093/toxsci/kfab064/6288503>

124. Elbadry MA, Durães-Carvalho R, Blohm GM, Stephenson CJ, Loeb JC, White SK, Telisma T, Chavannes S, Beau De Rochars VM, Salemi M, Morris JG Jr, Lednicky JA. Orthobunyaviruses in the Caribbean: Melao and Oropouche virus infections in school children in Haiti in 2014. PLoS Negl Trop Dis. 2021 Jun 16;15(6):e0009494. doi: 10.1371/journal.pntd.0009494. PMID: 34133422.

<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0009494>

125. Stephenson CJ, Coatsworth H, Kang S, **Lednicky JA**, Dinglasan RR. Transmission Potential of Floridian Aedes aegypti Mosquitoes for Dengue Virus Serotype 4: Implications for Estimating Local Dengue Risk. mSphere. 2021 Jul 7:e0027121. doi: 10.1128/mSphere.00271-21. Epub ahead of print. PMID: 34232077.

<https://journals.asm.org/doi/10.1128/mSphere.00271-21>

126. Yang D, Perbtani YB, Loeb J, Liu N, Draganov PV, Estores DE, Lauzardo M, Maurelli A, Lednicky JA, Morris JG. Detection of SARS-CoV-2 in the gastrointestinal tract among patients with negative nasopharyngeal COVID-19 testing prior to endoscopy. Endosc Int Open. 2021 Aug;9(8):E1276-E1282. doi: 10.1055/a-1490-9234. Epub 2021 Jul 16. PMID: 34447876; PMCID: PMC8383081.

<https://www.thieme-connect.com/products/ejournals/html/10.1055/a-1490-9234>

127. Schaller MA, Sharma Y, Dupee Z, Nguyen DT, Urueña JM, Smolchek RA, Loeb JC, Machuca TN, **Lednicky JA**, Odde DJ, Campbell RF, Sawyer WG, Mehrad B. Ex vitro SARS-CoV-2 infection of human lung reveals heterogeneous host defense and therapeutic responses. JCI Insight. 2021 Aug 6:148003. doi: 10.1172/jci.insight.148003. Epub ahead of print. PMID: 34357881.

<https://insight.jci.org/articles/view/148003>

128. Nannu Shankar S, Witanachchi CT, Morea AF, **Lednicky JA,** Loeb JC, Alam MM, Fan ZH, Eiguren-Fernandez A, Wu C-Y. SARS-CoV-2 in residential rooms of two self-isolating persons with COVID-19. J Aerosol Sci. 2022 Jan;159:105870. doi: 10.1016/j.jaerosci.2021.105870. Epub 2021 Aug 28. PMID: 34483358; PMCID: PMC8401278.

<https://www.sciencedirect.com/science/article/pii/S0021850221006005>

129. Lednicky JA, Tagliamonte MS, White SK, Blohm GM, Alam MM, Iovine NM, Salemi M, Mavian C, Morris JG. Isolation of a Novel Recombinant Canine Coronavirus from a Visitor to Haiti: Further Evidence of Transmission of Coronaviruses of Zoonotic Origin to Humans. Clin Infect Dis. 2021 Oct 28:ciab924. doi: 10.1093/cid/ciab924. Epub ahead of print. PMID: 34718467.

<https://academic.oup.com/cid/advance-article/doi/10.1093/cid/ciab736/6359631>

130. Li H, Nannu Shankar S, Witanachchi CT, **Lednicky JA,** Loeb JC, Alam MM, Fan ZH, Mohamed K, Eiguren-Fernandez A, Wu C-Y. Environmental Surveillance and Transmission Risk Assessments for SARS-CoV-2 in a Fitness Center. Aerosol Air Qual. Res. 21, 210106. https://doi.org/10.4209/aaqr.210106

<https://aaqr.org/articles/aaqr-21-05-oa-0106>

131. Stephenson CJ, Coatsworth H, Waits CM, Nazario-Maldonado NM, Mathias DK, Dinglasan RR, **Lednicky JA**. Geographic Partitioning of Dengue Virus Transmission Risk in Florida. Viruses. 2021 Nov 5;13(11):2232. doi: 10.3390/v13112232. PMID: 34835038; PMCID: PMC8622774.

<https://www.mdpi.com/1999-4915/13/11/2232>

132. Manzanas C, Alam MM, Loeb JC, **Lednicky JA,** Wu CY, Fan ZH. A Valve-Enabled Sample Preparation Device with Isothermal Amplification for Multiplexed Virus Detection at the Point-of-Care. ACS Sens. 2021 Nov 12. doi: 10.1021/acssensors.1c01718. Epub ahead of print. PMID: 34767357.

<https://pubs.acs.org/doi/10.1021/acssensors.1c01718>

133. **Lednicky JA,** Tagliamonte MS, White SK, Elbadry MA, Alam MM, Stephenson CJ, Bonny TS, Telisma T, Chavannes S, Ostrov DA, Mavian C, Beau De Rochars VM, Salemi M, Morris Jr, JG. Independent infections of porcine deltacoronavirus among Haitian children. Nature (2021). <https://doi.org/10.1038/s41586-021-04111-z>

<https://www.nature.com/articles/s41586-021-04111-z.pdf>

134. Li, H., Shankar, S.N., Witanachchi, C.T., **Lednicky, J.A.,** Loeb, J.C., Alam, M.M., Fan, Z.H., Mohamed, K., Boyette, J.A., Eiguren-Fernandez, A., Wu, C.Y. (2022). Environmental Surveillance for SARS-CoV-2 in Two Restaurants from a Mid-scale City that Followed U.S. CDC Reopening Guidance. Aerosol Air Qual. Res. 22, 210304. https://doi.org/10.4209/aaqr.210304.

<https://aaqr.org/articles/aaqr-21-11-covid2-0304>

135. Xu H, Akinyemi IA, Chitre SA, Loeb JC, Lednicky JA, McIntosh MT, Bhaduri-McIntosh S. SARS-CoV-2 viroporin encoded by ORF3a triggers the NLRP3 inflammatory pathway. Virology. 2022 Jan 17;568:13-22. doi: 10.1016/j.virol.2022.01.003. PMID: 35066302; PMCID: PMC8762580.

<https://doi.org/10.1016/j.virol.2022.01.003>

136. Stephenson C, Coker E, Wisely S, Liang S, Dinglasan RR, **Lednicky JA**. Imported Dengue Case Numbers and Local Climatic Patterns Are Associated with Dengue Virus Transmission in Florida, USA. Insects. 2022 Feb 3;13(2):163. doi: 10.3390/insects13020163. PMID: 35206736.

<https://www.mdpi.com/2075-4450/13/2/163>

137. Rainey AL, Loeb JC, Robinson SE, **Lednicky JA,** McPherson J, Colson S, Allen M, Coker ES, Sabo-Attwood T, Maurelli AT, Bisesi JH Jr. Wastewater surveillance for SARS-CoV-2 in a small coastal community: Effects of tourism on viral presence and variant identification among low prevalence populations. Environ Res. 2021 Dec 11;208:112496. doi: 10.1016/j.envres.2021.112496. Epub ahead of print. PMID: 34902379; PMCID: PMC8820684.

<https://doi.org/10.1016/j.envres.2021.112496>

138. Vlasova AN, Toh TH, Lee JS, Poovorawan Y, Davis P, Azevedo MSP, **Lednicky JA,** Saif LJ, Gray GC. Animal alphacoronaviruses found in human patients with acute respiratory illness in different countries. Emerg Microbes Infect. 2022 Feb 14:1-7. doi: 10.1080/22221751.2022.2040341. Epub ahead of print. PMID: 35156544.

<https://www.tandfonline.com/doi/full/10.1080/22221751.2022.2040341>

139. Nguyen LT, Macaluso NC, Pizzano BLM, Cash MN, Spacek J, Karasek J, Miller MR, Lednicky JA, Dinglasan RR, Salemi M, Jain PK. A thermostable Cas12b from Brevibacillus leverages one-pot discrimination of SARS-CoV-2 variants of concern. EBioMedicine. 2022 Mar 12;77:103926. doi: 10.1016/j.ebiom.2022.103926. Epub ahead of print. PMID: 35290826; PMCID: PMC8917962.

<https://www.sciencedirect.com/science/article/pii/S2352396422001104?via%3Dihub>

140.Heather Coatsworth, Cat Lippi, Chalmers Vasquez, Jasmine B Ayers, Caroline J. Stephenson, Christy Waits, Mary Florez, Andre B. B. Wilke, Isik Unlu, Johana Medina, Maria L. Alcaide, Sadie J. Ryan, John A Lednicky, John C Beier, William Petrie, Rhoel R. Dinglasan. A molecular surveillance-guided vector control response to concurrent dengue and West Nile virus outbreaks in a COVID-19 hotspot of Florida. The Lancet Regional Health – Americas! The Lancet Regional Health - Americas

Volume 11, July 2022, 100231. https://doi.org/10.1016/j.lana.2022.100231

https://www.sciencedirect.com/science/article/pii/S2667193X22000485?via%3Dihub

141. Magalis BR, Mavian C, Tagliamonte M, Rich SN, Cash M, Riva A, Loeb JC, Norris M, Amador DM, Zhang Y, Shapiro J, Starostik P, Marini S, Myers P, Ostrov DA, Lednicky JA, Glenn Morris J Jr, Lauzardo M, Salemi M. Low-frequency variants in mildly symptomatic vaccine breakthrough infections presents a doubled-edged sword. J Med Virol. 2022 Mar 20. doi: 10.1002/jmv.27726. Epub ahead of print. PMID: 35307848.

<https://onlinelibrary.wiley.com/doi/10.1002/jmv.27726>

142. **Accepted 4/28/2022** - Thais C. S. Rodrigues, Pedro V. O. Viadanna, Kuttichantran Subramaniam, Ian K. Hawkins, Albert B Jeon, Julia C. Loeb, Juan M. C. Krauer, John A. Lednicky, Samantha M. Wisely, Thomas B. Waltzek. Characterization of a Novel Reassortant Epizootic Hemorrhagic Disease Virus Serotype 6 Strain Isolated from Diseased White-tailed Deer (Odocoileus virginianus) on a Florida Farm. [Viruses] Manuscript ID: viruses-1682175

143. **Accepted 5/13/2022** - Md. Mahbubul Alam1,2, Carla Mavian1,3, Caroline Stephenson1,2, Maha Elbadry1,2, Sarah White1,2, Gabriela Blohm1,2, Julia Loeb1,2, Rigan Louis1,4, Valerie Madsen Beau de Rochars1,5, Bernard A. Okech1,2, Marco Salemi1,3, John A. Lednicky1,2\*, and J. Glenn Morris, Jr. Zika in Haiti: Evidence for introduction from multiple sources, and linkage of clinical and mosquito isolates. AJTMH.

**Editorials**

7 Mar. 2020. Michele Carbone, Joshua B. Green, Enrico M. Bucci, **John A. Lednicky**. Editorial: Coronaviruses: Facts, Myths and Hypotheses. Journal of Thoracic Oncology. DOI: https://doi.org/10.1016/j.jtho.2020.02.024

<https://www.jto.org/article/S1556-0864(20)30190-8/fulltext>

01 Dec. 2020. **John A. Lednicky**. A practical and economic approach for assessing potential SARS-CoV-2 transmission risk in COVID-19 patients. Clinical Infectious Diseases, ciaa1789

<https://doi.org/10.1093/cid/ciaa1789>

**Proceedings**

Carlos Manzanas, Md. Mahbubul Alam, Julia C. Loeb, Morteza Alipanah,

John A. Lednicky, Chang-Yu Wu, and Z. Hugh Fan. VALVE-ENABLED SEQUENTIAL REAGENT DELIVERY AND PAPER-BASED ENRICHMENT FOR SIMULTANEOUS DETECTION OF SARS-COV-2 AND INFLUENZA VIRUSES. 25th International Conference on Miniaturized Systems for Chemistry and Life Sciences

10 - 14 October 2021, Palm Springs, CA, USA.

Morteza Alipanah, Xiao Jiang, Carlos Manzanas, Julia C. Loeb, Maohua Pan, Trevor B. Tilly, John A. Lednicky, Chang-Yu Wu, and Z. Hugh Fan. INTEGRATION OF SAMPLE PREPARATION WITH RNA AMPLIFICATION DEVICE FOR INFLUENZA VIRUS DETECTION. 25th International Conference on Miniaturized Systems for Chemistry and Life Sciences 10 - 14 October 2021, Palm Springs, CA, USA.

**Non-peer-reviewed article (aquaculture related)**

**Lednicky JA.** 2004. Bumblebee goby: Effective maintenance and breeding, and raising of fry. Aquarticles. Accessible at: <http://aquarticles.com/articles/breeding/Lednicky_Bumblebee_Goby.html>

**Non-peer-reviewed article (influenza virus-related)**

**Lednicky JA,** Astroff AB. [Pandemic preparedness & the development of vaccines for H5N1 influenza at the Midwest Research Institute.](https://www.ncbi.nlm.nih.gov/pubmed/21207777) Mo Med. 2010 Sep-Oct;107(5):298-301. PMID: 21207777

White, S.K. and **J.A. Lednicky**. Occupational exposure to new influenza virus that infects cows. Atlas of Science. 1 Feb. 2017. <http://atlasofscience.org/occupational-exposure-to-new-influenza-virus-that-infects-cows/>

**Non-peer-reviewed article (miscellaneous)**

**Lednicky J.** Lessons Learned From Serial Isolations Of Human Coronavirus 229E From Environmental Surfaces Of A Classroom During Influenza Season. Apr 27, 2018 Science Trends.

<https://sciencetrends.com/lessons-learned-from-serial-isolations-of-human-coronavirus-229e-from-environmental-surfaces-of-a-classroom-during-influenza-season/>

Blohm, G., and **J. Lednicky**. As Venezuela's public health system collapses, mosquito-borne viruses re-emerge. 18 June 2018. The Conversation.

<http://theconversation.com/as-venezuelas-public-health-system-collapses-mosquito-borne-viruses-re-emerge-97066>

**Lednicky, J.** As China suffers from coronavirus, some wonder: Is it really that serious? 3 questions answered. 6 Feb. 2020. The Conversation.

<https://theconversation.com/as-china-suffers-from-coronavirus-some-wonder-is-it-really-that-serious-3-questions-answered-131360>

Navy news: <https://urldefense.proofpoint.com/v2/url?u=https-3A__www.navytimes.com_news_your-2Dnavy_2020_02_08_explainer-2Dhow-2Dserious-2Dis-2Dcoronavirus_&d=DwIFAg&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=GRH-2vmm8PITOuYmH4SnF6adzE57Y_crHN26QP9R9mE&s=B4GFU2lssVdIT28ZS_E90SGmj0BHL8BXLuz4XWcCIwo&e>=

Yahoo news: <https://news.yahoo.com/china-suffers-coronavirus-wonder-really-135008029.html>

## **Review articles**

1. Butel JS, **Lednicky JA,** Stewart AR, Garcea RL, Finegold MJ. SV40 and human brain tumors. J. Neurovirol. 1997 May;3 Suppl 1:S78-9. PMID: 9179802

2. Butel JS, Jafar S, Stewart AR, **Lednicky JA.** [Detection of authentic SV40 DNA sequences in human brain and bone tumours.](https://www.ncbi.nlm.nih.gov/pubmed/9776222) Dev Biol Stand. 1998;94:23-32. Review. PMID: 9776222

3. **Lednicky JA,** Butel JS. [Consideration of PCR methods for the detection of SV40 in tissue and DNA specimens.](https://www.ncbi.nlm.nih.gov/pubmed/9776238) Dev Biol Stand. 1998;94:155-64. Review. PMID: 9776238

4. Tevethia SS, Mylin L, Newmaster R, Epler M, **Lednicky JA,** Butel JS, Tevethia MJ. [Cytotoxic T lymphocyte recognition sequences as markers for distinguishing among tumour antigens encoded by SV40, BKV and JCV.](https://www.ncbi.nlm.nih.gov/pubmed/9776254) Dev Biol Stand. 1998;94:329-39. PMID: 9776254

5. Butel JS, **Lednicky JA.** [Cell and molecular biology of simian virus 40: implications for human infections and disease.](https://www.ncbi.nlm.nih.gov/pubmed/9923853) J Natl Cancer Inst. 1999 Jan 20;91(2):119-34. Review. PMID: 9923853

6. **Lednicky JA,** Butel JS. Polyomaviruses and tumors: possible significance of association. Front Biosci. 1999 Feb 15;4:D153-64. Review. PMID: 9989950

7. Lednicky JA, **Butel JS.** Simian virus 40 regulatory region structural diversity and the association of viral archetypal regulatory regions with human brain tumors. Semin Cancer Biol. 2001 Feb;11(1):39-47. Review. PMID: 11243898

8. **Lednicky JA.** Hantaviruses: A short review. Arch Pathol Lab Med. 2003 Jan;127(1):30-35. Review. PMID: 12521363

9. **Lednicky JA,** Rayner JO. Uncommon Respiratory Pathogens. Curr Opin Pulm Med. 2006 May;12(3):235-9. Review. PMID: 16582680

10**.** Anderson BD, **Lednicky JA,** Torremorell M, and Gray GC. The Use of Bioaerosol Sampling for Airborne Virus Surveillance in Swine Production Facilities: a Mini Review. Front. Vet. Sci., 27 July 2017. doi: 10.3389/fvets.2017.00121.

<http://journal.frontiersin.org/article/10.3389/fvets.2017.00121/full?&utm_source=Email_to_authors_&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication&field=&journalName=Frontiers_in_Veterinary_Science&id=276215>

11. Paniz-Mondolfi AE, Blohm GM, Hernandez-Perez M, Larrazabal A, Moya D, Marquez M, Talamo A, Carrillo A, Rothe de Arocha J, **Lednicky J,** Morris JG Jr.. Cutaneous features of Zika virus infection: A clinicopathological overview. Journal: Clinical and Experimental Dermatology. Clin Exp Dermatol. 2018 Sep 28. doi: 10.1111/ced.13793. [Epub ahead of print] Review. PMID: 30267436

<https://onlinelibrary.wiley.com/doi/full/10.1111/ced.13793>

12. Grillet ME, Hernández-Villena JV, Llewellyn MS, Paniz-Mondolfi AE, Tami A, Vincenti-Gonzalez MF, Marquez M, Mogollon-Mendoza AC, Hernandez-Pereira CE, Plaza-Morr JD, Blohm G, Grijalva MJ, Costales JA, Ferguson HM, Schwabl P, Hernandez-Castro LE, Lamberton PHL, Streicker DG, Haydon DT, Miles MA, Acosta-Serrano A, Acquattela H, Basañez MG, Benaim G, Colmenares LA, Conn JE, Espinoza R, Freilij H, Graterol-Gil MC, Hotez PJ, Kato H, **Lednicky JA,** Martinez CE, Mas-Coma S, Morris JG Jr, Navarro JC, Ramirez JL, Rodriguez M, Urbina JA, Villegas L, Segovia MJ, Carrasco HJ, Crainey JL, Luz SLB, Moreno JD, Noya Gonzalez OO, Ramírez JD, Alarcón-de Noya B. Venezuela's humanitarian crisis, resurgence of vector-borne diseases, and implications for spillover in the region. Lancet Infect Dis. 2019 Feb 21. pii: S1473-3099(18)30757-6. doi: 10.1016/S1473-3099(18)30757-6. [Epub ahead of print] Review. PMID: 30799251

<https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(18)30757-6/fulltext>

13. Pan M, Lednicky J, and Wu C-Y.Collection, Particle Sizing and Detection of Airborne Viruses. J Appl Microbiol. 2019 Apr 11. doi: 10.1111/jam.14278.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jam.14278>

14. Rasmussen SA, Smulian JC, Lednicky JA, Wen TS, Jamieson DJ. Coronavirus Disease 2019 (COVID-19) and Pregnancy: What obstetricians need to know. Am J Obstet Gynecol. 2020 Feb 24. pii: S0002-9378(20)30197-6. doi: 10.1016/j.ajog.2020.02.017. Review. PMID: 32105680

<https://www.sciencedirect.com/science/article/pii/S0002937820301976?via%3Dihub>

15. Carbone MC, Lednicky J, Xiao S-Y, Venditti M, and Bucci E. Coronavirus 2019 Infectious Disease Epidemic: Where We Are, What Can Be Done and Hope For. Journal of Thoracic Oncology. Special article. January 07, 2021. doi: <https://doi.org/10.1016/j.jtho.2020.12.014J>.

16. Henry CJ, Pillai AN, Lednicky JA, Morris JG Jr, Hladish TJ. Ecology and public health burden of Keystone virus in Florida. Epidemics. 2022 Mar 22;39:100555. doi: 10.1016/j.epidem.2022.100555. Epub ahead of print. PMID: 35367729.

<https://www.sciencedirect.com/science/article/pii/S1755436522000147?via%3Dihub>

**Technical newsletter**

1. Sue Denny, John Lednicky, and Ralph Horne. Avian Influenza (H5N1) Laboratory Fact Sheet. December 2006. Missouri Department of Health and Senior Services, State Public Health Laboratory.

# 2. Dr. John Lednicky, Dr. Jonathan Rayner, Dr. David Franz. Resources for Information on the H1N1 Swine Influenza Virus and Recommendations for Vaccination. Sept 14, 2009. Presented by MRI to US Senator Sam Brownback (Kansas).

## **Response to letter**

1. Butel JS, **Lednicky JA.** [RESPONSE: re: cell and molecular biology of simian virus 40: implications for human infections and disease.](https://www.ncbi.nlm.nih.gov/pubmed/10393731) J Natl Cancer Inst. 1999 Jul 7;91(13):1166A-167. PMID: 10393731

2. Butel JS, **Lednicky JA.** Response to more about: cell and molecular biology of simian virus 40: implications for human infections and disease. J Natl Cancer Inst. 2000 Mar 15;92(6):496-497. PMID: 10716972 DOI: https://doi.org/10.1093/jnci/92.6.496

3. Carbone M, Bocchetta M, Cristaudo A, Emri S, Gazdar A, Jasani B, **Lednicky J**, Miele L, Mutti L, Pass HI, Ramael M, Rizzo P, Testa JR, Weggen S, Yeung A. [SV40 and human brain tumors.](https://www.ncbi.nlm.nih.gov/pubmed/12794770) Int J Cancer. 2003 Aug 10;106(1):140-2; author reply 143-5. No abstract available. PMID: 12794770

**Book chapters**

1. Folk, W. R., W. J. Tang, M. Martin, J. Lednicky, S. Berger, and R. H. Adams. 1988. Polyomavirus sequences affecting the initiation of transcription and DNA replication, in: *Molecular Aspects of Papovaviruses,* Martinus Nijhoff Publishing, Boston (Yosef Aloni, ed.).

2. Lednicky JA, Garcea RL. 2000. Detection of SV40 DNA sequences in human tissue. SV40 Protocols, ed.: L. Raptis. Humana Press, Inc., Totowa, NJ. Methods Mol Biol. 2001;165:257-67. PMID: 11217392

3. Lednicky JA, Butel JS Polyomavirus, Polyomaviridae, pp. 630-634. In: Tidona, C.A. and Darai, G. (eds.), The Springer Index of Viruses. Springer-Verlag, Berlin, 2001.

4. Lednicky JA, Butel JS. Polyomavirus, Polyomaviridae, pp. 1402-1409. In: Tidona, C.A. and Darai, G. (eds.), The Springer Index of Viruses. Springer-Verlag, Berlin, 2011.

5. Lednicky JA, Wyatt DE. 2012. The Art of Animal Cell Culture for Virus Isolation. In: Tissue Culture, ed: InTech, ISBN 980-953-307-097-6, Zagreb, Croatia. book edited by Luca Ceccherini-Nelli and Barbara Matteoli, ISBN 978-953-51-0788-0, Published: October 17, 2012 under CC BY 3.0 license. <http://www.intechopen.com/articles/show/title/the-art-of-animal-cell-culture-for-virus-isolation>

**Included in 2015 in the Selected Chapter, Research Collection.**

6. Ugo Moens, Xiaobo Song, Marijke Van Ghelue, John A. Lednicky and Bernhard Ehlers

A Role of Sp1 Binding Motifs in Basal and Large T-Antigen-Induced Promoter Activities of Human Polyomavirus HPyV9 and Its Variant UF-1. Human Polyomaviruses and

Papillomaviruses, pp. 22 - 33. Ugo Moens. ISBN 978-3-03897-220-4 (Pbk); ISBN 978-3-03897-221-1 (PDF); Published Sept. 2018, MDPI, Basel, Switzerland, distributed under the terms and conditions of the Creative

Commons license CC BY-NC-ND (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).

7. Chen H., Humes S.T., Saleh N.B., Lednicky J.A., Sabo-Attwood T. (2020) Nanomaterial Effects on Viral Infection. In: Bonner J., Brown J. (eds) Interaction of Nanomaterials with the Immune System. Molecular and Integrative Toxicology. Springer, Cham. https://doi.org/10.1007/978-3-030-33962-3\_10

**Letter to editor**

Carbone M, Bocchetta M, Cristaudo A, Emri S, Gazdar A, Jasani B, **Lednicky J,** Miele L, Mutti L, Pass HI, Ramael M, Rizzo P, Testa JR, Weggen S, Yeung A. 2003. SV40 and human brain tumors. Int J Cancer 106:140-142.

**Conference proceedings**

Submitted 27 April 2021: Manzanas C, Alam Md.M. Loeb JC, **Lednicky JA**, Wu C-Y, Fan ZH. Proceedings of the ASME 2021 International Mechanical Engineering Congress and Exposition, IMECE2021

**Abstracts and Poster Presentations; partial list, year 2000 onwards**

1. **Lednicky, J. A.,** and W. R. Folk. 1990. Gene activator sequences that can partially compensate for the 21-bp repeat region of SV40. DNA Tumor Virus Meeting on SV40, Polyoma, and Adenoviruses, Cold Spring Harbor Laboratory.

2. **Lednicky, J. A.,** and W. R. Folk. 1990. SV40 promoter activator binding site substitution studies. Department of Agriculture Science Exposition, The Univ. of Mo., Columbia.

3. **Lednicky, J. A.,** and W. R. Folk. 1991. Sp1 binding sites specifically activate replication and growth of SV40 in CV-1 cells. Poster session, Molecular Biology Week, The Univ. of Mo., Columbia.

4. **Lednicky, J.,** W. Harper, S. Elledge, and J. Butel. 1994. Human HSC70 interacts with SV40 large tumor antigen in the yeast two hybrid system. Concepts in Molecular Virology - 1994, Baylor College of Medicine.

5. Stewart, A. R., K. G. Desai, **J. A. Lednicky,** and J. S. Butel. 1997. Sequence comparison of SV40 isolates from monkeys and humans. Molecular Virology 1997 Divisional Retreat, Baylor College of Medicine, April 1997.

6. Butel, J. S., **J. A. Lednicky,** A. R. Stewart, R. L. Garcea, and M. J. Finegold. 1997. SV40 and human brain tumors. First International Symposium of NeuroVirology, May 1997.

7. Stewart, A. R., **J. A. Lednicky**, and J. S. Butel. 1997. Sequence comparison of SV40 isolates from monkeys and humans. American Society for Virology Meeting, Montana State University, July 19 - 23, 1997.

8. **Lednicky, J. A.**, Stewart, A. R., Finegold, M. J., and Butel, J. S. 1997. SV40 DNA in human bone tumors contains variable T-antigen gene sequences. The Imperial Cancer Research Fund 1997 Tumor Virus Meeting on Papovaviruses, Papillomaviruses, and Adenoviruses. Cambridge, England.

9. Butel, J. S., A. S. Arrington, C. Wong, S. Jafar, **J. A. Lednicky,** A. R. Opekun, M. J. Finegold, and E. Adam. 1998. Serological and molecular evidence of SV40 infections in children. The Molecular Biology of Small DNA Tumor Viruses Meeting, University of Wisconsin-Madison (July 14 to July 19).

10. Ling, P. D., R. S. Peng, D. Pierson, **J. Lednicky**, and J. S. Butel. 1999. Latent viruses – a space travel hazard? First Biennial Space Biomedical Investigators’ Workshop, January 11-13, 1999.

11. **Lednicky, J. A.** Overview of NSBRI Immunology, Infection, and Hematology team joint project with the IBMP (Institute for Biomedical Problems, State Research Center of Russia). Presented July 9, 1999 (Baylor College of Medicine) to students attending the Houston-Galveston NYLF/MD conference (July 4 – 14, 1999), sponsored by the National Youth Leadership Forum on Medicine.

12. **Lednicky, J. A.** Overview of NSBRI Immunology, Infection, and Hematology team research projects in preparation for NASA’s first space mission to the planet Mars. Presented July 17, 2000 (Baylor College of Medicine) to students attending the Houston-Galveston NYLF/MD conference (July 9-19, 2000), sponsored by the National Youth Leadership Forum on Medicine.

13. **Lednicky, J. A.,** P. D. Ling, W. A. Keitel, S. K. Mehta, D. L. Pierson, and J. S. Butel. Longitudinal study of viral reactivations in healthy adults: baseline for studies of space flight conditions. Bioastronautics Investigators’ Workshop, January 17 – 19, 2001.

14. **Lednicky, J. A.** Utilization of the yeast two-hybrid system for the isolation of genes of previously undisclosed cellular proteins that interact with a polyomavirus-encoded cancer-promoting protein. 2001 Research Day, Hines V. A. Hospital, Maywood, Illinois, April 19, 2001.

15. **Lednicky, J. A.,** J. S. Butel, R. L. Garcea, A. S. Arrington, and R. A. Vilchez. Detection of SV40 in diverse human tumors. April 20 – 21, 2001, Malignant Mesothelioma – Therapeutic Options and Role of SV40: An Update, The University of Chicago Gleacher Center, Chicago, Illinois.

16. Ling, P. D., **J. A. Lednicky**, W. A. Keitel, Z. S. White, F. Visnegarwala, R. A. Vilchez, and J. S. Butel. Shedding of JCV and EBV in HIV-Infected Patients Receiving HAART. 9th Conf. Retroviruses and Opportunistic Infections, Seattle, WA Feb. 24-28, 2002.

17. Butel, J.S., **J.A.Lednicky**, R.A. Vilchez, F. Visnegarwala, D.E. Lewis, C.A. Kozinetz, and W.A. Keitel. Polyomavirus JCV reactivation and shedding in healthy and immunocompromised hosts: implications for space travel.Bioastronautics Investigators' Workshop, January 13-15, 2003, Galveston, TX.

18. **Lednicky, J. A.,** T. P. Meehan, M. J. Kinsel, L. L. Hungerford, J. Dubach, M. Bocchetta, and K. E. Witecki. Canine Distemper Virus Outbreaks Among Raccoons in Cook County Illinois are Much More Complex Than Previously Thought and Mimic Many Aspects of Human Morbillivirus Outbreaks. Research Day 2003 (April 24, 2003), US Dept. of Veterans Affairs, Edward Hines Jr. VA Hospital, Maywood, Illinois.

19. Ohr, J., D. Mileusnic, S. Denton, E. Donoghue, K. Witecki, and **J. Lednicky**. Molecular Techniques Identify Viruses in the Heart Tissue of Apparently Healthy Chicago Residents that Died Without Warning of an Inflammation of the Heart Muscle. Research Day 2003 (April 24, 2003), US Dept. of Veterans Affairs, Edward Hines Jr. VA Hospital, Maywood, Illinois.

20. **Lednicky, J. A.,** A. Cox, H. Downes, and J. S. Butel. The Ability to Infect Only a Few Types of Human Cells is Mainly Independent of Transcription Control and is Largely Due to the Natural Chemical Properties of the JC Polyomavirus Coat Proteins. Research Day 2003 (April 24, 2003), US Dept. of Veterans Affairs, Edward Hines Jr. VA Hospital, Maywood, Illinois.

21. Rubinas, T. C., S. Alkan, and **J. A. Lednicky.** Identification of an Obscure Virus and a Co-infecting Bacterium as the Probable Causes of a Mysterious Fatal Pneumonia Masquerading as a Hantavirus Hemorrhagic Pneumonia. Research Day 2003 (April 24, 2003), US Dept. of Veterans Affairs, Edward Hines Jr. VA Hospital, Maywood, Illinois.

22. **Lednicky, J. A.,** A. Guido, A. Cox, H. Downes, and J. S. Butel. JCV Host Cell Tropism is Largely Dictated by JCV Capsid Proteins. International Symposium, Polyomaviruses and Human Diseases: Basic and Clinical Perspectives, Florence, Italy, May 8-10, 2003.

23. Wright, M. F. H., L. M. Cera, N. A. Sarich, and **J. A. Lednicky.** RT-PCR Detection and Nucleic Acid Sequence Confirmation of Reovirus Infection in Mice with Discordant IIFA and ELISA Serology Test Results. 15 – 21 Oct.., 2004, 55th National AALAS Meeting, Tampa, Florida.

24. Ling, P.D., **J.A. Lednicky**, W.A. Keitel, Z.S. White, R. Peng, D.E. Lewis, C.A. Kozinetz, and J.S. Butel. Virus Reactivation and Shedding in Healthy and Immunocompromised Humans:  Importance to Space Travel. 2005 Bioastronautics Investigators' Workshop, Jan. 10-12, 2005, in Galveston, Texas.

|  |
| --- |
| 25. Rayner, J. O., K. S. McCurdy, C. J. Nevins, W. A. Sosna, S. B. Hamilton, J. M. Owells, R. W. Aldenderfer, M. D. Halpern, C. M. Davis, **J. A. Lednicky**. Quasispecies shift during passage of *Japanese encephalitis virus* *in vitro* and *in vivo* and its effects on neurovirulence. **American Society of Virology Annual Meeting, Cornell University, New York, July 14, 2008.**  26. O’Brien, B., K. Schnare, A. Clay, S. Hamilton, **J. Lednicky,** J. Coble, T. Lanigan, A. Ammenhauser, and D. Gray. Production of Biodiesel from Algae. Energy Summit , Univ MO-Columbia, April 22 – 23, 2009.  27. **Lednicky, J. A.,** D. E. Daniels, S. B. Hamilton, M. D. Halpern, J. M. Owells, C. M. Davis, and J. M. Morrissey. Development and testing of surrogate influenza H5N1 virus clinical specimens. Pan American Society for Clinical Virology Conference, Daytona Beach, FL, April 20, 2009.  28. **Lednicky, J. A.,** D. E. Swayne, R. Tuttle, D. E. Daniels, S. B. Hamilton, and W. A. Sosna. Different Clinical Outcomes Following Aerosol or Intranasal Exposure to Influenza H5N1 Virus in the Ferret. Aerobiology in BioDefense III Conference, Rocky Gap Conference Center, Cumberland, MD, July 13 - 16, 2009.  29. Tuttle, R., **J. A. Lednicky,** W. A. Sosna, D. E. Daniels, and S. B. Hamilton. Development of an ABSL-3 nose-only bioaerosol exposure system. Aerobiology in BioDefense III Conference, Rocky Gap Conference Center, Cumberland, MD, July 13 - 16, 2009.  30. **John Lednicky,** Ph.D., David E. Swayne, D.V.M., Ph.D., Richard Tuttle, B.S., Deirdre E. Daniels, M.S., Sara B. Hamilton, B.A., William A. Sosna, B.S. A. Barry Astroff, Ph.D. NBIES- A highly effective system for inhalational models to study influenza, plague, and anthrax. DHHS PHEMCE Stakeholders Workshop and BARDA Industry Day. December 2 - 4, 2009 Washington, DC  30. **J. Lednicky,** C. Croutch, D. Daniels, S. Hamilton, S. Lawrence, B. Astroff. Influenza Virus A/CA/04/2009 (H1N1) Intranasal Challenge Study in Ferrets 8th ASM Biodefense and Emerging Diseases Research Meeting, Feb. 21 – 24, Baltimore Marriott Waterfront Hotel, Baltimore, MD.  31. **J Lednicky**, W Sosna, R Tuttle, D Daniels, S Hamilton, B Astroff.  Development, Validation, and Testing of a Nose-Only Bioaerosol Inhalation Exposure System to Challenge Ferrets with Highly Pathogenic Avian Influenza Virus (HPAIV).   Options for the Control of Influenza VII, Hong Kong SAR, China (September, 2010).  32. B Astroff, C Croutch, **J Lednicky,** S Lawrence, S Hamilton, D Daniels, J Chichester, V Yusibov.   Preclinical GLP Toxicology/Safety Study of a Novel Plant-Based H1N1 Vaccine Candidate in the Rabbit.   Options for the Control of Influenza VII, Hong Kong SAR, China (September, 2010).  33. **J. Lednicky**, J. Butel, R. Vilchez, S. Halvorson, and J. Loeb. Life-long Infection by the Same JC Virus Strain. EPI Research Day, University of Florida, (February 23, 2012).  34. **J. Lednicky**, T. Waltzek, J. Wellehan, M. Halpern, and S. Hamilton. Third Complete Genomic Sequence of Human Parainfluenzavirus 4B. EPI Research Day, University of Florida, (February 23, 2012).  35. **J. Lednicky**, J. Loeb, and K. Puricelli. New Canine SLAM-Expressing Cell Lines for the Isolation and Propagation of Canine Distemper Virus. EPI Research Day, University of Florida, (February 23, 2012).  36. **J. Lednicky**, M. Bender, D. Wyatt, J. Loeb, and S. Hamilton. Expanded Repertoire of Cells that Over-express SIAT1- or SIAT4- for Influenza Virus Isolation. EPI Research Day, University of Florida, (February 23, 2012).  37. **J. Lednicky** and J. Loeb. Detection and Genetic Characterization of an Airborne Non-Culturable Type C Human Rhinovirus Collected in Air Samplers. EPI Research Day, University of Florida, (February 23, 2012).  38. P. Sanpui, **J. Lednicky**, J. Loeb, T. Sabo-Attwood. Investigating initiation of the immune response in the lung by nanoparticles and viruses. EPI Research Day, University of Florida, (February 23, 2012).  39. Angelique M. Leone, James F.X. Wellehan, Jr., Michael J. Dark, **John A. Lednicky**, Tom B. Waltzek, Claus D. Buergelt, Jennifer L. Owen, Rick Alleman, Martha Mallicote, L. Chris Sanchez, Julia A. Conway. Giant cell meningoencephalitis in a pregnant Andalusian mare. Concurrent Annual Meetings of the American College of Veterinary Pathologists and the American Society for Veterinary Clinical Pathology. December 1-5, 2012, Washington State Convention Center in Seattle, Washington. \*Angelique Leone received a young investigator award (3rd place) in the section of natural disease.  40. Angelique M. Leone, Rick Alleman, Claus Buergelt, Julia Conway, Michael Dark, Elizabeth Howerth, **John Lednicky,** Jennifer Owen, Tom Waltzek, James Wellehan. Giant cell meningoencephalitis in a pregnant Andalusian mare. EPI Research Day, University of Florida, (February 13, 2013).  41. X. Zheng, P. Sanpui, **J. Lednicky**, J. Loeb, T. Sabo-Attwood. Modulation of influenza virus infectivity and activation of toll-like receptors by carbon nanomaterials. EPI Research Day, University of Florida, (February 13, 2013).  42. Pallab Sanpui, Julia Loeb, **John Lednicky**, Navid Saleh and Tara Sabo-Attwood Single-Walled Carbon Nanotubes Increase Influenza Virus Infectivity in Lung Cells.  SOT Annual Meeting (March 10 – 14, 2013) at San Antonio, TX.  43. Sayler KA, **Lednicky J,** Barbet A, Clapp W, Alleman AR. Discovery of a Caribbean Arenavirus, the Tacaribe virus, isolated from Lone Star ticks (*Amblyomma americanum*) in North Central Florida. Annual Phi Zeta Research Emphasis Day, 15 March 2013. \*Katherine Sayler received best poster honors for graduate students, and won an overall graduate student award that resulted in a plaque and $500.  44. **John Lednicky** and Julia Loeb. Detection and isolation of airborne influenza H3N2 virus using a Sioutas personal cascade impactor sampler. EPI Research Day, University of Florida, Feb. 20, 2014.  45. **John Lednicky**, Thomas Waltzek, Elizabeth McGeehan, Julia Loeb, Sara Hamilton, and Maya Luetke. In vitro modeling reveals that human coronavirus NL63 has a tropism for human kidney cells. EPI Research Day, University of Florida, Feb. 20, 2014.  46. Xiao Zheng, Pallab Sanpui, **John Lednicky**, Julia Loeb, Joe Bisesi, Nabiul Afrooz, Navid Saleh, and Tara Sabo-Attwood. Modulation of toll-like receptor activity and influenza virus infectivity by single-walled carbon nanotubes with distinct chirality. EPI Research Day, University of Florida, Feb. 20, 2014.  47. Galaxia Cortés-Hinojosa, MV, MSc, Bethany Doescher, DVM, Michael Kinsel DVM, Dip ACVP, **John Lednicky** **PhD**, Thomas Waltzek, DVM, PhD, and James F.X. Wellehan Jr. DVM, PhD, Dipl ACZM, Dipl DACVM. Co-infection with California sea lion adenovirus 1 and a novel polyomavirus in a Hawaiian monk seal (Monachus schauinslandi). AAZV meeting, Oct. 2014.  48. **John Lednicky**, Julia Loeb, Kevin Fennelly, Diandra Anwar, Sewon Oh, and Chang-Yu Wu. Effect of Sampling Flow Rates on Virus Collection Efficiencies of a BioSampler vs. an All-Glass Impinger. AAAR Annual Meeting, Orlando, FL, Oct. 2014.  49. Xiao Zheng, Julia Loeb, **John Lednicky**, Navid Saleh, and Tara Sabo-Attwood. Enhanced influenza virus infectivity through suppression of toll-like receptor activity by single-walled carbon nanotubes. EPI Research Day, University of Florida, Feb. 26, 2015.  50. Maha Elbadry, Valery Madsen Neau De Rochars, Mohammed H. Rashid, Yves Jean Frantz Louis, Daniel Impoinvil, Jacques Boncy, **John** **Lednicky,** and J. Glenn Morris. Chikungunya virus in wild caught Aedes aegypti mosquitoes in Haiti. Bernard Okech, EPI Research Day, University of Florida, Feb. 26, 2015.  51. Katherine Sayler, Anthony Barbet, Casey Chamberlain, William Clapp, Julia Loeb, and **John Lednicky.** Isolation of an arenavirus, the Tacaribe virus, from host-seeking Amblyomma americanum ticks in Florida. EPI Research Day, University of Florida, Feb. 26, 2015.  52. Benjamin D. Anderson, Mengmeng Ma, Yao Xia, Tao Wang, Bo Shu, **John A. Lednicky**, Jiahai Lu, and Gregory C. Gray. A One Health Approach for Studying Swine Influenza Virus Transmission in Pig Farms, China. 3rd International Symposium on Neglected Influenza Viruses, Athens, Georgia, USA, April 15 – 17, 2015.  53. Thuy Ngo, Tara Sabo-Attwood, and **John Lednicky**. Predictive Model for Disease Severity of a Novel Rhinovirus C Strain. Poster for internship project presentation by Thuy Ngo, MPH candidate, 26 July 2015, Univ FL College of PHHP.  54. Dipesh Das, A.R.M. Nabiul Afrooz, **John Lednicky,** Tara Sabo-Attwood, and Navid B. Saleh. Nano-bio Interaction: Influence of Carbon Nanotubes on Virus Like Particle (VLP) transport Through Saturated Porous Media. For symposium: Environmental Transformation of Nanoparticles: Processes, Mechanisms, and Ecological Impacts. Division of Environmental Chemistry. 250th ACS National Meeting in Boston, Massachusetts. August 16-20, 2015. |
|  |
|  |
| 55. Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA**, Gray GC. A One Health Approach for Studying Swine Influenza Virus Transmission in Pig Farms, China. International Conference on Emerging Infectious Diseases, Atlanta, Georgia, USA, August 24-26, 2015.  56. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky**, Hugh Fan, and Hsin Hsieh. A Novel Sampler for Viral Aerosols through Water-based Condensation Particle Growth  AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.  57. Kenneth H. Rand, M.D., Maura Pieretti PhD, Rodney Arcenas PhD, Stacy G. Beal, M.D., and **John Lednicky Ph**D. Semi-Quantitative Patient Data from a Multiplex Respiratory Viral Panel (RVP): Can We Learn Something from Population-Based Study? Association for Molecular Pathology (AMP) 2015 Annual Meeting, Nov. 5 – 7, Austin, Texas.  58. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, Hugh Fan. Highly Efficient Collection of Viable Influenza Virus A/Mexico/4108/2009 (pdmH1N1). AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.  59. Hoaran Hu, Chang-Yu Wu, Nima Afshar-Mohajer, **John A. Lednicky,** Z. Hugh Fan, and Alexander Theodore. Size amplification of virus aerosol by batch adiabatic-expansion for size intensification by condensation (BASIC). AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.  60. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Mohajer, Susanne Hering, Chang-Yu Wu, Hugh Fan, Nima Afsha-Mohajer. Collection of viable airborne viruses by a highly efficient air sampler. ASM Biodefense Conference, Hyatt Regency Crystal City, Arlington, VA, USA, February 8 – 10, 2016.  61. Kenneth Rand, Maura Pieretti, Rodney Arcenas, Stacy Beal, Herbert Houck, Emma Boslet, **John Lednicky**. Semi-Quantitative Patient Data from a Multiplex Respiratory Viral Panel (RVP): Can We Learn Something from Population-Based Study? Annual University of Florida College of Medicine Celebration of Research, Monday, February 22, 2016, 5:30-8:30 pm Stephen C. O’Connell Center, UF.  62. Shannon Hentschel, Hao Chen, Julia Loeb, **John Lednicky**, and Tara Sabo-Attwood. Influenza infectivity modulation by carbon nanoparticles on sialic acid. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.  63. Xiao Jiang, Christopher L. Cassano, **John Lednicky,** Chang-Yu Wu, and Z. Hugh Fan. Paper-based microfluidic devices for detecting RNA from flu virus. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.  64. Sarah White, Wenjen Ma, Clinton McDaniel, Gregory Gray, and **John Lednicky.** Serologic evidence of exposure to influenza D virus among persons with occupational exposure to cattle. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.  65. Hao Chen, Xiao Zheng, Justine Nicholas, Julia Loeb, Joseph H. Bisesi Jr., Sarah Robinson, **John Lednicky**, and Tara Sabo-Attwood. Single-walled carbon nanotubes suppress pulmonary immune response and increase infectivity on influenza virus exposed mice. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.  66. Maha Elbadry, Valery Madsen Beau De Rochars, Massimilliano Tagliamonte, Mohammed Rashid, Jacques Boncy, Yves Jean Frantz Louis, J. Glenn Morris, Jr., **John Lednicky**, and Bernard Okech. Post-chikungunya fever epidemic cluster of dengue virus 1 infections among school children in Gressier Region, Ouest Department, Haiti. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.  67. John Lednicky. Zika virus in Haiti in 2014: viral genomic and clinical data. Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA. 8 – 10 April, 2016.  68. Sarah White, Wenjen Ma, Clinton McDaniel, Gregory Gray, and **John Lednicky**. Serologic evidence of exposure to influenza D virus among persons with occupational exposure to cattle. PHHP Research Day, HPNP Reception Hall, Gainesville, FL. 13 Apr. 2016.  69. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky,** Hugh Fan, Hsin Hsieh.A novel sampler for virus aerosols through water-based condensation particle growth. 4th Workplace and Indoor Aerosols Conference, Barcelona, Spain. 20 – 22 April 2016.  70. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. Highly Efficient Collection of Viable Influenza Virus A/Mexico/4108/2009 (pdmH1N1) Aerosols. 4th Workplace and Indoor Aerosols Conference, Barcelona, Spain. 20 – 22 April 2016.  71. Meeting abstract (presented in conference as a talk): Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA,** Ma MJ, Lu J, Gray GC. Bioaerosol Sampling an Effective Approach to Studying Influenza A virus in Chinese Swine Farms. Options IX for the Control of Influenza, Chicago, IL. Presented as an Oral Presentation at the International Society for Influenza and Other Respiratory Virus Diseases (ISIRV) 24 – 28 Aug. 2016.  72. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky,** Hugh Fan, Hsin Hsieh, and Patricia B. Keady. A Highly Efficient Sampler for Viable Virus Aerosols using Water-based Condensation Particle Growth. Biodefense World Summit, Baltimore, MD, June 27-30, 2016.  73. Meeting abstract (presented in conference as a talk): Haoran Yu, Chang-Yu Wu, Nima Afshar-Mohajer, **John A. Lednicky**, Z. Hugh Fan, Alexander Theodore and Liming Dong. Size Amplification and Preservation of the Viability of Aerosolized Virus during Collection by Batch Adiabatic-expansion for Size Intensification by Condensation (BASIC). AAAR 35th Annual Conference, 17 – 21 Oct. 2016.  74. Poster: Xiao Jiang, Maohua Pan, Susanne V. Hering, **John Lednicky**, Chang-Yu Wu, Z. Hugh Fan. Use of RNA Amplification and Electrophoresis for Studying Virus Aerosol Collection Efficiency and Their Comparison with Plaque Assays. AAAR 35th Annual Conference, 17 – 21 Oct. 2016.  75. Maohua Pan, Tania Bonny, Julia Loeb, Xiao Jiang, **John Lednicky,** Arantzazu Eiguren-Fernandez, Susanne Hering, Hugh Fan, Chang-Yu Wu. Collection of Viable Virus Aerosol in a Student Health Care Center through Water-Based Condensation Growth. AAAR 35th Annual Conference, 17 – 21 Oct. 2016.  76. Anderson BD. **Lednicky JA,** Gray GC. Bioaerosol Sampling In Swine Production Facilities: A Review Of The Literature. EcoHealth, 3 – 7 December 2016, Melbourne, Australia.  77. Maohua Pan, Tania Bonny, Julia Loeb, Xiao Jiang, John Lednicky, Arantzazu Eiguren-Fernandez, Susanne Hering, Hugh Fan, Chang-Yu Wu. Collection of airborne influenza virus in a student health care center through water-based condensation growth. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  78. Tania S. Bonny, John P. Driver, Taylor Paisie, Marco Salemi, John Glenn Morris, Lisa A. Shender, Lisa Smith, Carolyn Enloe, Kevin Oxenrider, Jeffery A. Gore, Julia C. Loeb, Chang-Yu Wu, **John A. Lednicky**. Detection of alphacoronavirus vRNA in Brazilian free-tailed bats (*Tadarida brasiliensis*) from a colony in Florida, USA. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  79. Sara Humes, Hao Chen, **John Lednicky**, Viet Dang, Nancy Denslow, and Tara Sabo-Attwood. Impacts of carbon nanotubes on lung cell lipidome and host immune responses following infection with pandemic influenza A virus. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  80. Tania Bonny and **John Lednicky**. Isolation and identification of human coronavirus 229E (HCOV-229E) from frequently touched environmental surfaces in a classroom. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  81. Xiao Jiang, Julia Loeb, **John Lednicky**, Chang-Yu Wu, and Hugh Fan. Paper-based microfluidic devices for detecting RNA from flu virus. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  82. Hao Chen, Julia Loeb, Sara Humes, Sarah Robinson, **John Lednicky**, Tara Sabo-Attwood. Single-walled carbon nanotubes increase influenza A virus infectivity through oxidative stress in vitro. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  83. Sarah White, **John Lednicky**, Valery Madsen Beau De Rochars, Maha Elbadry, Bernard Okech, and J. Glenn Morris. Detection of arbovirus co-infections of humans during a chikungunya virus outbreak, Haiti, 2014. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  84. Sarah White, **John L**ednicky, James Dunford, and Bernard Okech. Detection of chikungunya-, dengue- and zika viruses in mosquitoes collected in Haiti, 2016. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  85. Gabriela Blohm, **John Lednicky**, Alberto Paniz-Mondolfi, J. Glenn Morris, Jr., Marco Salemi, Julia Loeb, Sarah White, Taylor Paisie, and David Nolan. Evidence for transmission of zika virus from mother to baby by breast milk. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  86. Gabriela Blohm**, John Lednicky**, Alberto Paniz-Mondolfi, Tania Bonny, Julia Loeb, Juliet Puliam, and J. Glenn Morris, Jr. Isolation of dengue 4 virus in clinical specimens from Venezuela during the outbreak of zika fever. Emerging Pathogens Institute Research Day, 23 Feb. 2017.  87. Mai-Juan Ma, MD, Guo-Lin Wang, PhD student, Benjamin Anderson, PhD, Zhen-Qiang Bi, MD, Bing Lu, MS, Xian-Jun Wang, MS, Chuang-Xin Wang, MS, Shan-Hui Chen, MS, Yan-Hua Qian, MPH, Shao-Xia Song, MS, Min Li, MS, **John A. Lednicky,** PhD, Teng Zhao, PhD student, Meng-Na Wu, MS student, Wu-Chun Cao, PhD and Gregory Gray, MD, MPH. Evidence for Cross-species Influenza A Virus Transmission within Swine Farms, China. Abstract # 64165, IDWeek 2017. 12 May 2017.  88. Sarah White, **John Lednicky**, J. Glenn Morris Jr., Bernard Okech, and James Dunford, University of Florida, Gainesville, FL, Navy and Marine Corps Public Health Center, Portsmouth, VA ESA Section: Medical, Urban, and Veterinary Entomology (MUVE) - Detection of Chikungunya-, Dengue- and Zika viruses in mosquitoes collected in Haiti, 2016. Entomology 2017, ESA’s 65th Annual Meeting, November 5-8 Denver, Colorado. Presented 8 Nov., 2017.  89. Gabriela M. Blohm, Xiao Jiang, J. Glenn Morris, Jr. and **John A. Lednicky**. Rapid diagnostic test for Zika virus in dried blood spots with low demands on instrumentation. Florida Health Zika meeting. 9 Oct. 2017, Florida Health Zika Research Symposium, Florida Atlantic University, Boca Raton, Florida.  90. Bianca L. Artiaga, Guan Yang, Julia C. Loeb, Jürgen A. Richt, Jeffrey R. Abbott, **John A. Lednicky** & John P. Driver. Comparing NKT cell therapy to oseltamivir phosphate (Tamiflu®) for controlling pandemic H1N1 influenza. Submitted to AAI for annual meeting (presented May 18, 2018).  91. Trevor B. Tilly,, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez4, Saber M. Hussain, Tara L. Sabo-Attwood, **John A. Lednicky,** Chang-Yu Wu.  Optimization of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at the Air-Liquid Interface. International Aerosol Conference/AAAR 2018; September 2-7, 2018 at the America’s Center in St. Louis, Missouri, USA.  92. Ryan X. Ward, Trevor B. Tilly, Sarah Robinson, Arantzazu Eiguren-Fernandez3, Tara L. Sabo-Attwood, **John A. Lednicky**, Chang-Yu Wu. Reducing toxicity of welding fume particles by amorphous silica encapsulation. Submitted 1/30/2018; September 2-7, 2018 at the America’s Center in St. Louis, Missouri, USA.  93. Xiao Jiang, Julia Loeb, Maohua Pan, Trevor Tilly, **John Lednicky**, Chung-Yu Wu, and Hugh fan. A 3D printed point-of-care device for nuclei acid based virus detection. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  94. Sara Humes, Hao Chen, **John Lednicky**, Tara Sabo-Attwood. Impacts of single-walled carbon nanotubes on host lipid metabolism and its role in immune responses following Influenza A virus infection. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  95. Hao Chen, Sara Humes, Julia Loeb, Sarah Robinson, **John Lednicky**, and Tara Sabo-Attwood. Role of oxidative stress in SWNCT inhibited innate immune responses to viral infections in vitro. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  96. Hannah M. Barber, Olivia Goodfriend, Katherine Sayler, Julia Loeb, **John Lednicky**, Thomas Waltzek, Kuttichantran Subramaniam, Healther Waldren, Samantha Wisely, Juan M. Campos Krauer. Causes of death in Florida farmed white-tailed deer (Odocoileus virginianus) during 2017. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  97. Camilly Pires de Mello, Xun Tao, Julia Loeb, Jurgen Bulitta, **John Lednicky**, Ashley Brown. Clinical regimens of favipiravir inhibit zika virus (ZIKV) replication in the hollow fiber infection model system. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  98. Sarah White, **John Lednicky**, Bernard Okech, J. Glenn Morris, Jr., and James Dunford. Detection and sequencing of Spondweni virus in field caught Culex quinquefasciatus mosquitoes, Haiti 2016. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  99. **John Lednicky**, Sarah White, Kuttichantran Subramaniam, Thomas Waltzek, and J. Glenn Morris, Jr. First detection of Chikungunya virus with a 3’ UTR insert in a Haitian patient. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  100. **John Lednicky**, Sarah White, Maha Elbadry, and J. Glenn Morris, Jr. First detection of Oropouche virus in a human in Haiti. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  101. Erum Khan, Dhani Prakosos, Alizae Abbas, Zain Khan, Shanze Ashi, Kehkashan Imtiaz, Z Aziz, Faisal Malik, **John Lednicky**, Kelli Barr, Maureen Long. Human West Nile virus disease outbreak in Pakistan: 2015-2016. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  102. Gabriela Blohm, **John Lednicky**, Sarah White, Carla Mavian, Marilianna Marquez, Kellyh Gonzalez-Garcia, Marco Salemi, J. Glenn Morris, Jr., and Alberto Paniz-Mondolfi. IDENTIFICATION OF A LINEAGE III STRAIN IN A VENEZUELAN CHILD WITH ACUTE UNDIFFERENTIATED FEBRILE ILLNESS, IN THE SETTING OF A POSSIBLE EQUINE EPIZOOTIC. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  103. Ashley Brown, Julia Loeb, Sarah White, Camilly Pires de Mello, Maha Elbadry, Gabriela Blohm, Tania Bonny, J. Glenn Morris, Jr., and **John Lednicky**. MINIMAL TO NO CHANGE OF ZIKA VIRUS CONSENSUS SEQUENCES AFTER ISOLATION AND LOW PASSAGE IN VERO CELLS. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  104. Caroline Stephenson, Sarah White, Maha Elbadry, Valery Madsen Beau De Rochars, Julia Loeb, J. Glenn Morris, Jr., and **John Lednicky**. Preliminary evidence of a wave of Orthobunyavirus infections in Haiti in 2014 during sequenctial outbreaks of arbovirus infections. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  105. Gabriella Blohm, Xiao Jiang, J. Glenn Morris, Jr., and **John Lednicky**. Rapid diagnostic test for Zika virus in dried blood spots with low demands on instrumentation. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  106. Md. Shamim Ahasan, Kuttichantran Subramaniam, Katherine Sayler, Julia Loeb, Vsevolod Popov, **John Lednicky**, Samantha Wisely, Thomas Waltzek, Juan Campos Krauer. Isolation and molecular characterization of a novel mammalian orthoreovirus type 2 from Florida white-tailed deer. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  107. Maohua Pan, Leah Carol, **John Lednicky**, Arantzazu Eiguren Fernandez, Susanne Hering, Hugh Fan, Chang Yu-Wu. Particle size distributions of infectious viruses using water-based condensational growth technology. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.  108. Maohua Pan, Leah Carol, Anael Mamane, **John A. Lednicky**, Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. Effects of temperature and water condensation on the sampling of infectious influenza H1N1 viruses through water-based condensational growth. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America’s Center in St. Louis, Missouri, USA.  109. Maohua Pan, Leah Carol, Anael Mamane, **John A. Lednicky,** Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. Determining distribution of infectious viruses in aerosol particles using water-based condensational growth technology. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America’s Center in St. Louis, Missouri, USA.  110. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Saber M. Hussain, Tara L. Sabo-Attwood, **John A. Lednicky,** Chang-Yu Wu. Optimization of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at the Air-Liquid Interface. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America’s Center in St. Louis, Missouri, USA.  111. Sara Humes, Julia Loeb, Cindy Prins, Nicole Iovine, **John Lednicky,** and Tara Sabo-Attwood. Exploring lipid profiles and the use of multiplex PCR assays in human sputum samples. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  112. Hannah M. Barber, Sydney L. Cottingham, Olivia Goodfriend, Katherine Sayler, **John Lednicky**, Thomas Waltzek. Jason Blackburn, Heather Walden, Samantha Wisely, and Juan M. Campos Krauer. Causes of death in Florida farmed white-tailed deer (Odoceileus virginianus) during 2017-2018. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  113. Alberto Paniz-Mondolfi, Gabriela Blohm, Marier Hernandez-Perez, Agatha Larrazabal, Daniela Moya, Marilianna Marquez, Alejandra Talamo, **John Lednicky,** J. Glenn Morris, Jr. Cutaneous features of Zika virus infection: a clinicopathological overview. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  114. **John Lednicky**, Julia Loeb, Caroline Stephenson, and J. Glenn Morris, Jr. Detection and isolation of Heartland virus from ticks collected off a pet cat in Gainesville, Florida. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  115. Caroline Stephenson, Julia Loeb, Maha Elbadry, Gabriela Blohm, Md. Mahbubul Alam, James Dunford, J. Glenn Morris Jr., **John Lednicky**, and Bernard Okech. Detection of *Zika virus* in field-caught *Aedes aegypti* in Haiti, January to May 2017. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  116. Caroline Stephenson, Seokyoung Kang, **John Lednicky**, and Rhoel Dinglasan. Differential susceptibilities and immune responses of *Aedes aegypti* to two Dengue 4 virus strains. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  117. Maha Elbadry, Gabriela Blohm, Sarah White, Taina Telisma, **John Lednicky,** and J. Glenn Morris, Jr. First isolations of *Melao virus* from humans: The Haiti story. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  118. Julia Loeb, Olivia Goodfriend, Kuttichantran Subramaniam, Mohammad Shamim Ahasan, Katherine Sayler, Vsevolod popov, Juan Campos, Thomas Waltzek, Samantha Wisely, and **John Lednicky.** Isolation and identification of *Epizootic hemorrhagic disease* -, *Bluetongue* -, *Mule deerpox* -, and novel viruses from dead farmed Florida white-tailed deer (*Odocoileus virginiasus*). Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  119. Gabriela Blohm, **John Lednicky,** Marilianna Marquez, Julia Loeb, J. Glenn Morris, Jr., and Alberto Paniz-Mondolfi. Isolation of *Mayaro virus* from a patient that developed guttate psoriasis during the 2016 epidemic of *Zika virus* in Venezuela. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  120. Gabriela Blohm, Julia Loeb, Xiao Jiang, J. Glenn Morris, Jr., and **John Lednicky**. Rapid diagnostic test for *Zika virus* in dried blood spots with low demands on instrumentation. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  121. Lawrence Thirion, **John Lednicky,** Xavier de Lamballerie, Maha Elbadry. Md Mahbubul Alam, Gabriela Blohm, Caroline Stephenson, Julia Loeb, J. Glenn Morris, Jr., and Remi N. Charrel. Tailor-made lyophilized primers & probe reagents for real-time molecular diagnosis of emerging viruses: application for exploring the causes of febrile illness in children in Haiti. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  122. Mohammad Shamim Ahasan, Kuttichantran Subramaniam, Katherine Sayler, Julia Loeb, Vsevolod Popov, **John Lednicky,** Samantha Wisely, Thomas Waltzek, and Juan M. Campos Krauer. A novel mammalian orthoreovirus type 2 isolated from a dead white-tailed deer in Florida. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  123. Mohammad Shamim Ahasan, Juan M. Campos Krauer, Kuttichantran Subramaniam, **John Lednicky,** Julia Loeb, Katherine Sayler, Samantha Wisely, and Thomas Waltzek. Genomic characterization of novel strains of big cypress orbivrus and mobuck virus isolated from dead white-tailed deer (*Odocoileus virginianus*) in Florida. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  124. Carlos Manzanas, Xiao Jiang, Julia Loeb, **John Lednicky**, and Z. Hugh Fan. Sample preparation and RNA amplification for *Zika virus* detection at the point of care. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  125. Alberto Paniz-Mondolfi, Adriana Tami, Maria Grillet, Marillianna Marquez, Gabriela Blohm, Isis Mejias, Julio Castro, **John Lednicky,** and J. Glenn Morris, Jr. The resurgence of vaccine-preventable diseases in Venezuela: a threat to regional public health in the Americas. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.  126. Mohammad Shamim Ahasan, Kuttichantran Subramaniam, **John A. Lednicky**, Julia C. Loeb, Katherine A. Sayler, Juan M. Campos Krauer, Samantha M. Wisely, Thomas B. Waltzek. Phylogenomic Characterization of Novel Orbiviruses Isolated From White-tailed Deer (Odocoileus virginianus). Submitted 3/15/2019 to 2019 Wildlife Disease Association Meeting.  127. Gabriela Blohm, Julia Loeb, Xiao Jiang, J. Glenn Morris, Jr., and John Lednicky. Rapid diagnostic test for Zika virus in dried blood spots with low demands on instrumentation. PHHP Research Day. UF, 4 April 2019.  128. Caroline J. Stephenson, Julia C. Loeb, Maha A. Elbadry, Gabriela M. Blohm, Md Mahbubul Alam, James C. Dunford, J. Glenn Morris Jr.,4, John A. Lednicky, Bernard A. Okech. Detection of Zika virus in field-caught Aedes aegypti in Haiti from January to May 2017. PHHP Research Day. UF, 4 April 2019.  129. Deirdre H. D. Love, Seth C. Britch, and John A. Lednicky. Efficiency of aerial spraying of Aqualauer in a field vs a canopy setting. PHHP MPH special student presentation, UF (HPNP Reception Hall), 07/19/2019.  130. Caroline Stephenson, Julia C. Gibson, Karly A. Caples, Kuttichantran Subramaniam, Olivia Goodfriend, Thomas Waltzek, Samantha Wisely, and **John Lednicky.** Bluetongue virus surveillance among farmed deer in Florida. EPI Research Day, Feb., 2020.  131. Montero C, Balakrishnan M, Loeb J, Cueto R, Long MT, Lednicky J, Cummings DAT, Morris J, Cherabuddi K, Tyndall A, Merck LH. Development of novel SARS-CoV-2 testing in first responders, frontline providers, and essential personnel during the COVID-19 pandemic. EPI Research Day, 25 Feb. 2021.  132. O’Conner A, Humes ST, Bisesi S, Ingram L, Finnerty M. Lednicky J, Cummings BS, Sabo-Attwood T. Impacts of carbon nanotubes on lipid content and lung cell susceptibility following exposure to influenza A virus. EPI Research Day, 25 Feb. 2021.  133. Manzanas C, Alam Md. M, Loeb J, Lednicky J, Wu C-Y, Fan ZH. Simultaneous detection of SARS-CoV-2 and Influenza viruses at the point-of-care. EPI Research Day, 25 Feb. 2021.  134. Viadanna PHO, Rodrigues TCS, Subramaniam K, Krauer JMC, Lednicky J, Loeb J, Wisely S, Waltzek T. Genome sequence of a novel Yunnan orbivirus isolated from a dead Florida white-tailed deer (*Odocoileus virginatus*). EPI Research Day, 25 Feb. 2021.  135. Li H, Shankar SN, Witanachchi CT, Lednicky J, Loeb J, Alam Md. M, Fan ZH, Mohamed K, Eiguren-Fernandez A, Wu C-Y. No SARS-CoV-2 detected in environmental samples collected at a fitness center that reopened following CDC guidelines. EPI Research Day, 25 Feb. 2021.  136. Lednicky J, Lauzardo M, Fan ZH, Jutla A, Tilly TB, Gangwar M, Usmani M, Shankar SN, Mohamed K, Eiguren-Fernandez A, Stephenson CJ, Alam Md. M, Elbadry MA, Loeb JC, Subramaniam K, Waltzek TB, Cherabuddi K, Morris J.G, Jr., Wu C-Y. Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients. EPI Research Day, 25 Feb. 2021.  137. Cheng A-C, Cottingham SL, Goodfriend O, Wilson K, Lednicky J, Subramaniam K, Waltzek T, Wisely S, Krauer JMC. Cause of death in Florida farmed white-tailed deer (Odocoileus virginatus) during 2017 – 2020. EPI Research Day, 25 Feb. 2021.  138. Abstract 426: Dennis Yang, Yaseen B. Perbtani, Julia Loeb, Nanlong Liu, Peter V. Draganov, David S. Estores, Michael Lauzardo, Anthony Maurelli, John A. Lednicky, J Glenn Morris. Detection of SARS-COV-2 in the gastrointestinal tract among patients with negative nasopharyngeal COVID-19 testing prior to endoscopy: a prospective study. Digestive Disease Week, American Gastroenterological Association, Online meeting May 21-23, 2021.  139. M Balakrishnan, C Montero, J Loeb, M Chowdhury, M Solly, MT Long, L Bryan, J Lednicky, DAT Cummings, J Morris, K Cherabuddi, A Tyndall, LH Merck. Epidemiology of SARS-CoV-2 in First Responders and Essential Personnel across North Florida. Accepted 6/1/2021 for APHA meeting.  140. Chang-Yu Wu, Sripriya Nannu Shankar, John A Lednicky, and Arantza Eiguren-Fernandez. Efficient Collection of Viable SARS-COV-2 Aerosol for Studying Its Transmission. 8th Asian Particle Technology symposium APT2021, Osaka, Japan. 5/31/2021.  141. Carlos Manzanas, Md. Mahbubul Alam, Julia C. Loeb, Morteza Alipanah, John A. Lednicky, Chang-Yu Wu, and Z. Hugh Fan. VALVE-ENABLED SEQUENTIAL REAGENT DELIVERY AND PAPER-BASED ENRICHMENT FOR SIMULTANEOUS DETECTION OF SARS-COV-2 AND INFLUENZA VIRUSES.  142. Morteza Alipanah, Xiao Jiang, Carlos Manzanas, Julia C. Loeb, Maohua Pan, Trevor B. Tilly, John A. Lednicky, Chang-Yu Wu, and Z. Hugh Fan. INTEGRATION OF SAMPLE PREPARATION WITH RNA AMPLIFICATION DEVICE FOR INFLUENZA VIRUS DETECTION. MicroTAS conference.  143. Hongwan Li, Sripriya Nannu Shankar, Chiran T. Witanachchi, John A. Lednicky, Julia C. Loeb, Md. Mahbubul Alam, Z. Hugh Fan, Michael Lauzardo, Karim Mohamed, Arantzazu Eiguren-Fernandez, and Chang-Yu Wu. Environmental surveillance for SARS-CoV-2 from September 2020-February 2021 on a university campus that followed CDC reopening guidance. AAAR.  144. Andres Felipe Manrique, Kayan Clarke, John Lednicky, Tara Sabo-Attwood, Eric S. Coker. Assessing Personal PM2.5 Exposure and Respiratory Virus Infections among Farmworkers in the Southeastern United States. ISEE Conference Abstracts, Aug. 2021. DOI: 10.1289/isee.2021.P-645.  145. Sripriya Nannu Shankar, Chiran Witanachchi, Alyssa Morea, John Lednicky, Mahbubul Alam, Z. Hugh Fan, Arantzazu Eiguren-Fernandez, Chang-Yu Wu. Environmental monitoring of SARS-CoV-2 in two residential rooms housing self-isolating persons with COVID-19. AEESP2022.  146. William Vass, John Lednicky, Sripriya Nannu Shankar, Z. Hugh Fan, Arantzazu Eiguren-Fernandez, Chang-Yu Wu. Viable SARS-CoV-2 Delta Variant Detected in Aerosols in a Residential Setting with a Self-Isolated College Student. AEESP2022. |
|  |
|  |
|  |

**Student presentations (MS level) partial list**

1. **Lednicky, J. A.** 1983. Partial purification of a competence conferring factor from a phage 80α lysate. Midwest Staphylococcus Symposium, Univ. of Mo., Kansas City.

2. **Lednicky, J. A.**  1984. Initial characterization of a *Staphylococcus aureus* transformation factor derived from phage 80α. Kansas State Univ.

**Talks (partial list)**

1. Experiments with SV40 large tumor antigen in the yeast two hybrid system. 1994. Seminar, Division of Molecular Virology, Baylor College of Medicine.

2. Natural simian virus 40 strains are present in human choroid plexus and ependymoma tumors. 1995. The Imperial Cancer Research Fund 1995 Tumor Virus Meeting on Papovaviruses, Papillomaviruses, and Adenoviruses. Cambridge, England.

3. Natural simian virus 40 strains are present in human choroid plexus and ependymoma tumors. 1995. Seminar, Division of Molecular Virology, Baylor College of Medicine.

4. Genetic analysis of simian virus 40 in human osteosarcomas. 1996. Research Retreat, Division of Molecular Virology, Baylor College of Medicine.

5. SV40: Identification of new large tumor antigen interactive proteins, and a reappraisal of human infections. 1996. Aronex Pharmaceuticals, Inc.

6. Development of new methods to detect SV40 in tissue and DNA specimens. 1997. CBER-NCI-NICHD-NCID-NIP-NVPO Workshop, National Institutes of Health, Bethesda, Maryland.

7. SV40: Improved detection methods, and a reappraisal of human infections. 1997. Genentech, Inc.

8. SV40: Revised views and developing concepts. 1997. Seminar, Division of Molecular Virology, Baylor College of Medicine.

9. Sequence comparison of SV40 isolates from monkeys and humans. 1997. American Society for Virology Meeting, Montana State University.

10. SV40 infections of monkeys and man: New complex issues and developing concepts. 1998. Loyola University, Chicago.

11. SV40 in human malignancies. 1999. International Myeloma Foundation Virus Symposium, Karolinska Institute, Stockholm, Sweden.

12. Baseline values of polyomavirus viruria patterns obtained from a longitudinal study of healthy subjects living in Houston compared to polyomavirus viruria patterns obtained from subjects working in Antarctica. 2000. National Space Biomedical Research Institute Retreat, Del Lago Conference Center, Montgomery, Texas.

13. Will polyomaviruses harm human travelers in deep space? 2000. Seminar, Division of Molecular Virology and Microbiology, Baylor College of Medicine.

14. Two polyomavirus questions: (1) Will they harm human voyagers in deep space, and (2) Is there a unifying mechanism of early gene expression control among viruses BK, JC, and SV40? 2000. Seminar, Department of Pathology, Loyola University Medical Center, Maywood, Illinois.

15. Genus *Polyomavirus* and its Smorgasbord of Enigmas. 2001. Viruses and Human Cancer Workshop (of the National Cancer Institute), held at Bethesda, Maryland.

16. Molecular-genetic aspects of simian virus 40 (SV40) isolated from central nervous system lesions in simian immunodeficiency virus (SIV)-infected macaques. Feb. 2001. Seminar, Comparative Medicine, Loyola University Medical Center, Maywood, Illinois.

17. Detection of SV40 in diverse human tumors. April 21, 2001. Malignant Mesothelioma – Therapeutic Options and Role of SV40: An Update. The University of Chicago Gleacher Center, Chicago, Illinois.

18. Lessons learned from genetic analyses of SV40 in human tumors and in simian central nervous system lesions. June 19, 2001. Northwestern University, Chicago, Illinois.

19. SV-40 and medical evidence of association with human brain and bone tumors. Feb. 21, 2002. HarrisMartin’s Asbestos Law and Medicine Conference, Coronado, California.

20. SV-40 and human cancers. 8 Nov. 2002. Third International Public Conference on Vaccination, 2002. Arlington, VA.

21. *Canine distemper virus* in Raccoons: Unexpected Results from a Molecular Study. Nov. 20, 2002. Department of Veterinary Pathology, University of Illinois, Urbana-Champaign.

22. Candidate Viral Agents of a Fatal Renal Disease of *Callimico* Monkeys. 20 January 2003. Pittsburgh Development Center, Magee-Women’s Hospital, University of Pittsburgh, PA.

23. Biochemical and Genetic Aspects of Sp1 and NF-kB in SV40. 24 March 2003. Biochemistry Seminar, Division of Molecular and Cellular Biology, LUMC.

24. JCV Host Cell Tropism is Largely Dictated by JCV Capsid Proteins. International Symposium, Polyomaviruses and Human Diseases: Basic and Clinical Perspectives, Florence, Italy, May 8-10, 2003.

25. *Canine distemper virus* studies in Cook County, Illinois. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago. October 6, 2004.

26. Lessons learned from a canine distemper outbreak. Prairie States Animal Welfare Conference 2005, The Chateau Hotel and Conference Center, Bloomington, Illinois, June 6, 2005.

27. Special Considerations for Avian Influenza Virus and Current Testing Algorithms. Laboratory Pandemic Influenza Conference, organized by the Missouri State public Health Laboratory. Held at the Capitol Plaza Hotel, Jefferson City, Missouri, April 19, 2007.

28. A role for structural biologists in virus discovery, pathology, and aerobiology. University of Texas Medical Branch, Galveston, Texas, May 30, 2007.

29. Highly Pathogenic Avian Influenza Viruses: Mini-review and Development of a Laboratory for Live Agent Inhalation Exposure Studies. Department of Pathology, University of Texas Health and Science Center, Houston, Texas, May 30, 2008.

Algae Growth and Oil Extraction. Center for Algae Research Workshop (June 2 -3, 2008). MRI-Florida Division, Palm Bay, Florida, June 3, 2008.

30. Different Clinical Outcomes Following Aerosol or Intranasal Exposure to Influenza H5N1 Virus in the Ferret. Aerobiology in BioDefense III Conference, Rocky Gap Conference Center, Cumberland, MD, July 15, 2009.

31. Exposure of ferrets to aerosolized virulent *Influenza virus* H5N1 strain Vietnam/1203/2004. Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Oct. 29, 2009.

32. SV40, and an Effective Nose-Only Inhalation Exposure System Suitable for Studies of Airborne Pathogens Including Oncogenic Viruses. Cancer Research Center of Hawaii, University of Hawaii, Honolulu, Hawaii, 12 Nov. 2009.

33. A nose-only inhalation exposure study in ferrets using aerosolized virulent *Influenza virus* H5N1 strain Vietnam/1203/2004. College of Global Health and Health Professions, University of Florida, Gainesville, Florida, 7 June 2010.

34. A nose-only inhalation exposure system for studies of aerosolized pathogens in small animals. College of Veterinary Medicine, University of Florida, Gainesville, Florida, 27 Sept. 2011.

35. Refinement of Virus Detection and Isolation Methodologies for Aerobiology Studies. Viral Surrogate Pathogen Workshop, 16 May 2012, Naval Research Laboratory, Washington, DC.

36. Recent studies regarding the aerobiology of influenza and other respiratory viruses. Public Health Seminar Series, College of Public Health and Health Professions. University of Florida, 18 Feb. 2013.

37. Collection of viable airborne viruses using air samplers. Biomedical Education Seminar Series. Burnett School of Biomedical Sciences, University of Central Florida, 7 February 2014.

38. **Keynote Address:** One Health – A multidisciplinaryapproach to monitor and control public health threats. BioKansas; Fifth Annual One Health Summit. March 6, 2014, Sporting Park, Kansas City, Kansas.

39. Experiments on the collection of airborne viruses in public airspaces. Emerging Pathogens Institute, University of Florida, Gainesville, Florida, 14 March 2014.

40. The Ebola Outbreak in West Africa: Understanding the Virus and the Public Health Challenges It Poses. John Lednicky (Part 1: Virology and Clinical Aspects) and Paul Psychas (Part 2: Epidemiology and Public Health). Emerging Pathogens Institute, University of Florida, Gainesville, Florida, 27 August 2014.

41. Therapeutic Potential of a-Neurotoxoids. Three-part presentation by Jay Yourist (Part 1), Patrick Corsino (Part 2), and **John Lednicky** (Part 3). Office of Biodefense, Research Resources and Translational Research, Division of Microbiology and Infectious Diseases National Institute of Allergy and Infectious Diseases, National Institute of Health, Rockville, Maryland, 11 Sept. 2014.

42. Ebola: The Disease, the Virus, the Current Outbreak, and Infection Control Practices. Veterans Health Administration's National Center for Occupational Health and Infection Control, Commerce Building, Gainesville, Florida, 8 Oct. 2014.

43. Ebola 101. Presented at the UF Mini Medical School Symposium. Cancer Genetics Research Complex, Auditorium (Room 101), UF, Gainesville, Florida, 21 Nov. 2014.

44. Improvements in air sampling methodologies for studies of airborne respiratory pathogens. John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 29 March, 2015.

45. Some recent surprises regarding tick-borne viruses. John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 30 March, 2015.

46. Zika virus in Haiti in 2014: viral genomic and clinical data. Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA. 8 – 10 April, 2016.

47. A new approach to sampling infectious bioaerosols. Invited (closed door) presentation. Talk given in 3 parts: by Pat Keady, AEROSOL DEVICES INC., Fort Collins, CO, and C.Y. WU and **John Lednicky**, Univ. FL, 22 Sept. 2016, Dept. Homeland Security Headquarters, Washington, DC.

48. *Zika virus* in the Americas: why were we caught off-guard? Gainesville Rotary Club, held at Paramount Grill, Gainesville, Florida, 8 Dec. 2016.

49. *Zika virus*: Recent findings. Seminar series, Dept. of Environmental and Global Health, Gainesville, FL, 31 Jan. 2017.

50. Major Surprises Arising from Improved Virus Detection and Isolation Methods. 5 May 2017. Emerging Pathogens Institute, University of Florida.

51. Aerovirology and Aerosols. NIH-SEPA talk for CATALySES (Collaborating to Advance Teaching of Science Education to Students) of the UF Center for Precollegiate Education and Training (CPET). UF CGRC 184, Gainesville, FL. 19 June 2017.

52. *Zika* and related viruses in saliva: risk to dental practitioners? 2017 Florida Dental Association Convention, Gaylord Palms Resort and Convention Center, Orlando, Florida. Session C12, Sun Room 3-4, 22 June 2017.

53. Virus Discovery 1: Virus isolation from Farmed Deer. 67th Annual International Conference of the Wildlife Disease Association. Cervidae Health Science Symposium, World Golf Village Renaissance St. Augustine Resort, St. Augustine, FL, 10 Aug. 2018.

54. Unexpected viruses associated with febrile illnesses in Haiti. EGH Seminar series. Held at the UF Emerging Pathogens Institute, EPI room 150, 11:30 AM, Jan. 23, 2019.

55. Virology as a Career and Some Recent Research Findings at the Lednicky Laboratory. Talk given to The UF Virology Club. Held at Computer Science and Engineering Building room CSE E221, 25 April 2019.

56. Other viruses affecting deer in Florida. 3rd Annual CHeRI Cervid Health Science Symposium. Held at UF IFAS Gulf Coast Research and Education Center Wimauma, Florida, Aug. 16, 2019.

57. The vertical transmission study in Haiti. Joint talk by John Lednicky, Glenn Morris and Rigan Louis. ZIKAction Consortium Meeting 2019, Guayaquil, Ecuador. 8 Nov. 2019.

58. Introduction to Keystone Virus Biology Webinar presented to the American Mosquito Control Association. 9 April 2020. Digitell, Inc., Digitell Live Events Platform.

59. Viable SARS-CoV-2 in Air Samples. Online talk given to UF Division of Infectious Diseases and Global Medicine. 30 Oct. 2020.

60. Airborne SARS-CoV-2 and other respiratory pathogens in human expirations and medical and dental procedures. Online talk given to private audience, CLAEROSOL meeting, 8 Jan. 2021.

61. Arboviruses, Aerovirology, and Virus Discoveries. UTMB ID & IC seminar. 12 Oct. 2021.

62. SARS-CoV-2 and Aerosols – an EGH Perspective. Seminar; EGH Department, UF. 28 Oct. 2021.

**Short presentations/short talks/brief reports (partial list, year 2003 onwards)**

1. CDV study update. Conservation Medicine Research Committee Meeting, July 10, 2003, Brookfield Zoo.

2. Distemper and *Canine distemper virus* (CDV) in the Chicago area in 2004. Presented at CDV task force meeting, Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago. November 22, 2004.

3. Airborne threat posed by Avian influenza virus, Part 1. MRI study plans and progress. USDA Southeast Poultry Research Laboratory, Athens, Georgia. 26 Oct. 2007.

4. Influenza virus capabilities. Meetings with Dr. Daniel Jernigan (Deputy Director of CDC Influenza virus branch), with Dr. Stephen Burke (Program Manager), and with Dr. Ruben Donis (Branch chief, Influenza virus molecular virology laboratory), Centers for Disease Control and Prevention, March 25, 2008, CDC, Atlanta, Georgia.

5. Highly Pathogenic Avian Influenza Viruses: Mini-review and Development of a Laboratory for Live Agent Inhalation Exposure Studies. Department of Pathology, University of Texas Health and Science Center, Houston, Texas, May 30, 2008.

6. Algae Growth and Oil Extraction. Center for Algae Research Workshop (June 2 -3, 2008). MRI-Florida Division, Palm Bay, Florida, June 3, 2008.

7. MRI capabilities including inhalation exposure of aerosolized H5N1 influenza virus and other pathogens. Presented by Michael Ehret, John Lednicky, Barry Astroff, Kenton Lohman. Tech Watch Meeting at BARDA, 330 C Street, SW Washington, DC, Oct. 27, 2009.

8. Vaccine Development and Testing at Midwest Research Institute.Barry Astroff and John Lednicky. DHHS/GHSI Public Health Emergency Medical Countermeasures Workshop November 4 – 5, 2009 Washington, DC.

9. Assembly and validation of a nose-only inhalation exposure system for the study of aerosolized virulent *Influenza* H5N1*virus* in ferrets and its applicability for other pathogens and small animal models. Leadership Council Seminar, Midwest Research Institute, 18 August 2010.

10. Modeling of Airborne Exposure to Influenza Viruses, Exemplified Using a Nose-only Inhalation Exposure System, Ferrets, and Aerosolized Virulent *Influenza virus* A/Vietnam/1203/2004 (H5N1). Presentation for Drs. N. Cox and C. Bridges, CDC, held at the Emerging Pathogens Institute, University of Florida - Gainesville, 9 Nov. 2010.

11. Modeling of Airborne Exposure to Influenza Viruses, Exemplified Using a Nose-only Inhalation Exposure System, Ferrets, and Aerosolized Virulent *Influenza virus* A/Vietnam/1203/2004 (H5N1). Presentation for Dr. R. Schoepp, USAMRIID, held at the Emerging Pathogens Institute, University of Florida - Gainesville,17 Dec. 2010.

12. Enhancement of LAIV by administration of FluMist with and without anti-IgA (ferret model. Presentation for contingent from MedImmune; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 5 January 2011.

13. A Nose-only Inhalation Exposure System for Studies of Aerosolized *Influenza virus* in Ferrets. Presentation for Dr. Robert Nutsch of Phizer Inc.; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 11 January 2011.

14. A Nose-only Inhalation Exposure System for Studies of Aerosolized *Influenza virus* in Ferrets. Presentation for Drs. Otgonbaatar & Tserennorov from Mongolia's National Center for Infectious Diseases with Natural Foci; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 17 January 2011.

15. Modeling of Airborne Exposure to Respiratory Pathogens Using a Nose-only Inhalation Exposure System. Presentation for William Stokes, DVM, DACLAM, Assistant Surgeon General; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 28 April 2011.

16. Inhalation Exposure Studies, Emerging Pathogens, and Technology Development/Evaluation. Presentation for Emerging Pathogens Institute Town Hall Meeting, 11 May 2011, Emerging Pathogens Institute, University of Florida – Gainesville.

17. Aerobiology, respiratory pathogens, and virus discovery. Presentation for James M. Hughes, MD, Professor, Division of Infectious Diseases, Department of Medicine, School of Medicine, Emory University. Presentation at University of Florida Emerging Pathogens Institute, 14 Feb 2013.

18. Aerobiology, respiratory pathogens, and vaccine efficacy. Presentation for Gregory A. Poland, MD, Director of the Mayo Vaccine Research Group, Translational Immunovirology and Biodefense, Mayo Clinic. Presentation at University of Florida Emerging Pathogens Institute, 13 March 2013.

19. Aerobiology, respiratory pathogens, and vaccine efficacy. Presentation for Werner Bischoff, MD, PhD, Associate Professor and Health System Epidemiologist for the Department of Internal Medicine, Section on Infectious Diseases, Wake Forest School of Medicine, Winston-Salem, NC. Presentation at University of Florida Emerging Pathogens Institute, 18 April 2013.

20. Detection, Collection, and Modeling of Viable Airborne Viruses: Presentation for: James F Cummings, COL USARMY MEDCOM AFHSC (US). Presentation at University of Florida Emerging Pathogens Institute, May 9, 2013.

21. Aerobiology, Respiratory Pathogens, and Virus Discovery: Presentation for Department of Defense (Capt. Lax and other representatives) at Nuovo Biologicals, Davie, Florida. 22 Aug. 2013.

22. Collection of viable airborne viruses using air samplers. Presentation for Project HOPE representatives. EPI, 4th floor conference room, 7 Feb, 2014.

23. Aerobiology, respiratory pathogens, and virus discovery. 2014 Spring HHMI Science for Life Seminar Class, University of Florida –Gainesville, 13 February 2014.

24. MPH Common Reader Day (Group Discussion of Book: Spillover by David Quammen). PHHP MPH students, 16 Sept. 2015, Univ. Florida, Gainesville, FL.

25. Isolation of *Zika virus* from three different plasma specimens collected in December 2014 from Haitian children with febrile illness and complete genomic sequence analysis of one of the virus isolates. 2 Feb. 2016, Emerging Pathogens Institute, Univ. Florida, Gainesville, FL.

26. *Zika virus* explained. Presentation by Drs. Amy Vittor (Where did Zika virus come from?), Michael Weiss (What is microcephaly?), John Lednicky (*Zika virus*: some basic information), Jorge Rey (Mosquito vectors in Florida), Danielle Stanek (Current status), and Glenn Morris (Summary). Presented to Florida Legislature (teleconference/slide presentation). Emerging Pathogens Institute, Univ. Florida, Gainesville, FL. 19 Feb. 2016.

27. *Zika virus* in Haiti in 2014: virology findings. Private presentation (evening, 9 April 2016) to virology group attending Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA.

28. *Zika virus*; Recent findings. Private presentation (evening, 11 April 2016) to arbovirologists. Gainesville, FL.

29. *Zika virus* in Haiti in 2014: Summary of findings. Presented to Dr. James Dunford, entomologist, US Navy Environmental Preventive Medicine Unit 2 (NEPMU-2). Lednicky office, Dept. Conference Room, and Lednicky laboratory. 11 Apr. 2016.

30. Zika. Talk given at the Department of Health, Alachua County, 224 SE 24th Street

Gainesville, FL 32641. 11 May 2016.

31. Virus discovery and characterization. Presentation to Emerging Pathogens Institute External and Internal Advisory Board, UF Cypress Lodge, Lake Wauberg, Micanopy, FL. 24 Feb. 2017.

32. *Zika virus* work at the Emerging Pathogens Institute. Discussion with State of Florida Education Appropriations Committee, Florida State Capitol Building, Tallahassee, Florida, 20 March 2017.

33. *Zika virus* – Lednicky Laboratory. Presentation to Florida Lieutenant Governor Carlos Lopez-Cantera. Emerging Pathogens Institute, UF, 23 March 2017.

34. Capacity Building: Establishing the CHeRI Cervid Virus Research Laboratory. 1st Annual Cervidae Health Research Initiative. Harn Museum of Art Auditorium, UF Campus, Gainesville, Florida 29 March 2017.

35. Viruses discovered in Florida farmed deer. Thomas B. Waltzek, Jessica Jacob, Katherine A. Sayler, Julia Loeb, John Lednicky, Samantha M. Wisely, Kuttichantran

Subramaniam. Annual Cervidae Health Research Initiative. Harn Museum of Art Auditorium, UF Campus, Gainesville, Florida 29 March 2017.

36. Detection research and equipment for monitoring incoming cargo containers and other means for pests and invasive matter to be introduced on US soil. APHIS Roundtable discussion with APHIS Administrator Kevin Shea and key staff to discuss UF capabilities with regard to detection research and equipment for incoming cargo and other means of pests and invasive matter to be introduced onto US soil. Included in UF contingency with David Norton, swarup Bhunia, Gregory Kiker, Hugh Fan, and Robert Gilbert. USDA Headquarters, Washington, DC., 23 July 2019.

37. 2019-Novel Coronavirus. Ten-minute presentation for Class PHC 3440: Global Public Health. PHHP Bldg., room G312. 22 Jan. 2020.

38. Virus particles and nanotechnology. Five-minute presentation for COVID panel. 9th Nano Conference. Virtual; 12 Nov. 2020. Sustainable Nanotechnology Organization.

39: Summary of SARS-CoV-2 findings. Six-minute talk for EPI Town Hall Presentation, 3 to 4:30 PM, 4 Feb. 2021, University of Florida.

40. Specimens for the laboratory diagnosis of viral respiratory infections. Short (25-minute) ZOOM presentation for engineering fellows and professors associated with NIH-funded project *Multiplexed Airborne Virus Collection and Detection at the Point-of-Care* (Dr. Z. Hugh Fan, host). 17 May 2021, University of Florida.

41. SARS-CoV-2 work in Lednicky laboratory. Short (30-minute) ZOOM presentation for students of the UF Global Health Institute (Dr. Elizabeth Woods, instructor). 22 June 2021, University of Florida.

42. Human respiratory viruses – significance of determination of viability vs detection of virus nucleic acid. ADI aerosol user group meeting. 8 Oct. 2021.

**Oral Presentation, Qualification of Grant Finalists**

One of group members on hand for oral presentation by Dr. Brooks Agnew on behalf of Idaho Sustainable Energy, LLC (ISE) to the the Department of Energy (DOE). Dr. Lednicky described his alga research with Montana Micronutrient Booster and his work relevant to biofuels from algae. Oct 8, 2009; teleconference/webinar with DOE from Lednicky office at MRI-Kansas City.

## **Book review**

Pathology and Pathogenesis of Human Viral Disease. Author: John E. Craighead, MD. Academic Press, 2000. 450 p. with illustrations. Reviewed Oct. 2000 for *Archives of Pathology and Laboratory Medicine*.

**Workshop panel member**

1. Panel-Audience Discussion 1: Issues related to the detection of SV40 DNA in human tissues. CBER-NCI-NICHD-NCID-NIP-NVPO Workshop, National Institutes of Health, Bethesda, Maryland (Jan. 27, 1997).

2. Invited participant: FDA-OVRR-CBER-sponsored SV40 PCR Working Group Meeting, National Institutes of Health, Bethesda, Maryland (July 1, 1997).

Panelist: International Myeloma Foundation Virus Symposium on SV40 and Human Cancer, Karolinska Institute, Stockholm, Sweden (Sept. 7, 1999).

3. Invited participant: Viruses and Human Cancer Workshop, sponsored by NCI; held at Bethesda Marriott Hotel, Bethesda, Maryland (March 12 – 13, 2001).

4. Invited participant: Missouri State Public Health Laboratory System Assessment. Organized by the Association of Public Health Laboratories. Held at Columbia-Boone County Health Department, Columbia, MO, on Feb. 2, 2007.

5. Virus particles and nanotechnology. 9th Nano Conference. Virtual; 12 Nov. 2020. COVID Panel. Sustainable Nanotechnology Organization.

**Recent Student Presentation Panel Member (Presentation Judge)**

Spring 2011 Public Health Day MPH Candidate Presentations, 8 April 2011, UFL-Gainesville, for students:

1. Andrea Sparano, Dept Social and Behavioral Sciences: Development and evaluation of culturally competent tuberculosis fotonovelas to increase TB testing knowledge and awareness in the hispanic community
2. Hsing-Ju Tsai, Biostatistics Dept.: The utility of Gram stain and culture in the management of limb ulcers in persons with diabetes, Dar es Salaam, Tanzania.

Fall 2011 Public Health Day MPH Candidate Presentations, 18 Nov. 20011, UFL-Gainesville, for students:

1. Ramiro Isaza, DVM, MS, DACZM, College of Veterinary Medicine: Occupational risks of working with tuberculosis infected elephants.
2. David Parfitt, Epidemiology Department: Geographic trends in confirmed animal rabies cases in Florida.
3. Frances Tanner, Water Quality: Detection of Salmonella in agricultural irrigation water in the Upper Suwannee River watershed.

Spring 2012 Public Health Day MPH Candidate Presentations, 13 April 2012, UFL-Gainesville, for students:

1. Meghan Nodurft-Froman, SBS Dept.: Tuberculosis tracking and medical consultation conducted in Puerto Rico.
2. Hequiong Wang, Biostatistics Dept.: The effect of substance abuse on the clinical presentation of tuberculosis.
3. Bernadette Guzman, PHMP: Communities putting prevention to work evaluation: Idaho’s success story.
4. Lisa LaGorio, Epidemiology Dept.: Evaluating quality of life issues for gastroparesis patients and their caregivers: development and validation of the gastroparesis quality of life assessment.

Summer 2012 Public Health Day MPH Candidate Presentations, 20 July 2012, UFL-Gainesville, for students:

1. Aleksandra Bacewicz: Analysis of a community outreach effort to enroll Alachua County residents in health research efforts.
2. Ian Kracalik: Estimating the diffusion and burden of cholera during the 2008 to 2009 epidemic in Zimbabwe.
3. Jaspreet Malhorta: Program evaluation of healthy heart coalition of Fulton County.

Fall 2012 Public Health Day MPH Candidate Presentations, 30 Nov. 2012, UFL-Gainesville, for students:

1. David Boniche: Impact of TS Debby in North Florida: An Observational Study Concerning Levels of Total Coliform Bacteria and E coli in Water Supply Systems.
2. Jason Lang: Use of Genetic Material and Genetic Testing in Clinical Research: Risks, Benefits and Perceptions.

Spring 2014 Public Health Day MPH Candidate Presentation, 11 Apr. 2014, UFL –Gainesville, for student:

1. Karen Mask: Delivery of Inactivated Seasonal Influenza Vaccine via Microneedle Patch, a Novel Vaccine Delivery System.

Fall 2014 Public Health Day MPH Candidate Presentation, 21 Nov. 2014, UFL –Gainesville, for student:

1. Chelsea Pesta Rivera: Correlation of Human Pollution Indicators: A Look at Alachua County’s Creek System Using Microbial Source Tracking and Fecal Coliform vs. E. Coli Levels.

Spring 2014 Public Health Day MPH Candidate Poster Presentations, 8 April, 2016, UFL, for students:

1. Arnel Duvet: Unraveling the Source of Cholera in Haiti: Bbehind the Scene Changes.
2. Nikki McGinn: Rabies, rabies-free countries, and recommendations.
3. Thomas Sit: Survey of estrogenic water contamination in urban and rural Haiti.

**Recent Grant Proposal Review Panel Participation**

1. Defense Threat Reduction Agency's Chemical Biological Technologies (DTRA) Directorate FY12/13 Service Call for proposal number CBCALL12-DIAGB1-1-0105. 1/7/2011 – 2/11/2011.

2. CDC Special Emphasis Panel – FOA CK11-006; Combining subjective and objective methods for quantifying contact rates and mixing patters in school-aged children. 4/13/2011 – 5/3/2011.

3. NIH NIAID Special Emphasis Panel for Phased Innovation Awards on Partnerships for Interventions to Treat Chronic, Persistent and Latent Infections. 10/17/2012 – 12/12/2012. ZAI1 JKB-M J4; Jane Battles, SRO R1/R33 RFA-A1-12-020

4. CDC Special Emphasis Panel for HJFMRI Public Health Research in Kenya, ZGHGH16-006 KENYA, Panel A. 17 May 2016.

5. CDC Special Emphasis Panel for Household Transmission of Influenza Viruses in the Community, RFA-IP-17-001, May 5, 2017.

6. CDC Special Emphasis Panel for FOA IP18-001 (Reducing Disparities in Vaccination Coverage by Poverty Status Among You Children) & IP18-003 (Understanding and Addressing the Disparity in Vaccination Coverage Among US Adolescents Living in Rural Versus Urban Areas). March 20 – 21, 2018.

7. NIH Center for Scientific Review Special Emphasis Panel, CENTER FOR SCIENTIFIC REVIEW

ZRG1 IMM-T (02), Member Conflict: Host Defense, Inflammation and Vaccines

Agenda Seq Num – 339404, 04/05/2018

**University of Florida Internal Grant Review (partial list)**

Kejun Huang – Unsupervised learning via matrix volume optimization: from theory to practice (18 Dec-2019).

Zoleikha Abdollahi Biron – Smart energy optimization of plugin hybrid/electric vehicles integrated to power grid (18 Dec-2019).

Xiaochen Xian – Intelligent information sensing and online anomaly detection: algorithms and applications (18 Dec-2019).

Jeffrey Rudolf – Activation of natural product biosynthetic gene clusters by RNA-targeting and modification (18 Dec-2019).

Aria Eshraghi – Elucidation of bacterial mechanisms that govern host tropism (18 Dec-2019).

Matthew Eddy – Investigating mechanisms by which membranes regulate human drug-related interactions (18 Dec. 2019).

**Course Instructor**

PHC 6702 – Exposure Measurement and Assessment (3 credit hours), UF – Gainesville (Summer 2011; Spring 2012-2019).

PHC 6937 - Environmental Infectious Diseases: A Molecular Approach (3 credit hours), UF – Gainesville (Fall 2013, Fall 2014, Fall 2015, Fall 2016).

Critical Thinking in EGH. One classroom session entitled: Influenza A/H5N1 virus. UF-Gainesville, 23 March 2015.

PHC6702 – Public Health Virology (3 credit hours), UF – Gainesville (Fall 2018-2021).

PHC 6037 – Environmental Monitoring and Exposure Assessment (revised course) (3 credit hours), UF – Gainesville (Spring 2020, 2021).

**Medicine/Pathology and other Relevant Classroom Lectures (examples):**

Emerging viral diseases of animals and their effects. 11 September 2001. Class: Special Topics in Conservation Medicine [BMSC 406-801], Loyola University Medical Center.

Clinical Pathology Unknown: Association of a viral nucleic acid with human tumor tissue. 13 November 2001. Lecture to pathology residents, Loyola University Medical Center.

Viral persistence, Transformation, and Oncogenesis. 11 February 2002. Molecular Pathology Didactic Lecture Series, Loyola University Medical Center.

Paramyxoviruses: Old, New, Emergent, and Re-emergent. 28 March 2002. Grand Rounds, Loyola University Medical Center, Maywood, Illinois.

Clinical Pathology Unknown: *Baylisascaris procyonis*: An emerging parasite of humans. 30 April 2002. Lecture to pathology residents, Loyola University Medical Center.

Clinical Pathology Unknown: SV40 in human renal disease. 6 August 2002. Lecture to pathology residents, Loyola University Medical Center.

Emerging viruses: Paramyxoviruses. 12 November 2002. Conservation Medicine Lecture, Discovery Center, Brookfield Zoo, Brookfield, Illinois.

Molecular Biology. June 27, 2003. LATG (Lab Animal Technologist) class, Comparative Medicine Department, LUMC.

The structure and isolation of DNA and RNA. 14 Aug. 2003. Molecular Pathology Didactic Lecture Series, Loyola University Medical Center.

Emerging viruses: Paramyxoviruses-2. September 16, 2003. Conservation Medicine Lecture, Loyola University Medical Center.

Monkeypox in Africa and the USA. 5 December 2003. Conservation Medicine Lecture, Discovery Center, Brookfield Zoo, Brookfield, Illinois.

Polyomaviruses: Current Clinical Topics. 22 January 2004. Laboratory staff continuing education presentation. Department of Pathology, LUMC.

Emerging viruses: Paramyxoviruses-3. September 7, 2004. Conservation Medicine Lecture, Loyola University Medical Center.

Methodological issues in measurement of exposures – *Zika virus*. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 14 Feb. 2017.

Arbovirus infections – importance of proper laboratory diagnostics. One hour class lecture, University of Florida Public Health Infectious Class. HPNP Building, Rm G110.

8 Nov. 2017.

Aerobiology and Aerosols. One hour class lecture, University of Florida Public Health Infectious Class. HPNP Building, Rm G110. 27 Nov. 2017.

Microbiology as a Career and Some Recent Research Findings at the Lednicky Laboratory. Microbiology and Cell Science Building, University of Florida. Talk for ASM Gators (undergraduate microbiology club). 18 Jan. 2018.

Methodological issues in measurement of exposures – Zika virus. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 14 Feb. 2018.

Influenza. Talk given to UF Undergraduate Public Health Association. HPNP Bldg. G-201. 13 March 2018.

Virus Discoveries – A UF Perspective. One hour class lecture. Public Health Concepts in Infectious Diseases, PHC 6517. HPNP Bldg. Room G-111, 8 Oct. 2018.

Methodological issues in measurement of exposures – viruses as examples. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 12 Feb. 2019.

Hearing loss due to virus infections. One hour class lecture. CG-22. 23 Feb. 2020.

Methodological issues in measurement of exposures – viruses as examples, with emphasis on coronaviruses. Two hour class lecture, University of Florida Department of Epidemiology, delivered in Zoom teleconference Format, for Epidemiology Seminar II Class. 31 March. 2020.

Research Conference for UF Division of Pulmonary, Critical Care and Sleep Medicine. One-hour talk titled: Viable SARS-CoV-2 in Air Samples 12 Aug. 2020 (ZOOM talk).

Influenza. Two-hour class lecture, University of Florida Department of Environmental and Global Health (for Environmental Disease Mechanisms class). PHHP Bldg. Room G114, January 28, 2021.

Human respiratory viruses – significance of determination of viability vs detection of virus nucleic acid. Aerosol Devices Bioaersol Users Group – Meeting 1. ZOOM talk.

8 Oct. 2021.

**Journal club moderator (example)**

23 Nov. 2004, 12 noon. Student: Patrick Osei-owusu, Department of Pharmacology, LUMC. Journal article: Transcriptional activation of JC virus early promoter by phorbol ester and interleukin-1beta: critical role of nuclear factor-1. Virology. 2004, 327:60-9. Held at the Loyola University Medical Center.

**Trainer, Biosafety (example)**

Pathogen Biosafety Training, BSL2-Level Influenza Viruses (Course code TO-6730), for Biotechnology Department. Center Conference Room, MRI-KC, August 9, 2006. John Lednicky, instructor.

**Session Moderator, National Conference**

Session: Intellectual Property and Emerging Technologies. BioKansas; Fifth Annual One Health Summit. March 6, 2014, Sporting Park, Kansas City, Kansas

**Session Moderator, International Meeting**

Heat stroke and environmental health. Moderators: Ziad Memish and John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 30 March, 2015.

**Committee membership**:

Applied Clinical Research Committee, Dept. of Pathology, Loyola (3/01 – 3/02)

Conservation Medicine Center of Chicago Research Committee (2/01 – 6/05)

Conservation Medicine Center of Chicago Steering Committee (4/01 – 6/05t)

Loyola University Medical Center Institutional Biohazard Committee (8/01 – 6/05)

Molecular Development Committee, Dept. of Pathology, Loyola (2/01 – 3/02)

Rodent User Committee, Loyola (7/16/02 – 6/05)

Awards Committee for the Medical School, Loyola (8/14/02 – 6/05)

BSI (Base Supplement Incentive) Compensation Committee, Loyola (2/18/05 – 6/05)

Leadership Council (previously Council of Principal Scientists), Midwest Research

Institute (7/05 – 9/10)

State of Missouri Laboratory Pandemic Influenza Preparedness Committee (1/19/06 –

2/07)

Institutional Biohazard Committee, Stowers Institute (5/06 – 9/10)

Steering Committee, Midwest Regional Center of Excellence [previously named

Scientific Advisory Committee, Midwest Regional Center of Excellence] (8/06 – 9/10)

Council of Principal Scientists Awards Committee, MRI (12/06)

Board of Governors, Council of Principal Scientists, MRI (1/07 – 2/09)

PHHP Research Day, Univ. FL-Gainesville (Ad Hoc Reviewer of Abstracts) (2/2011)

EGH Faculty search committee 2011

EGH Faculty search committee 2012

Research Committee, College of Public Health and Health Professions, UF (July 1, 2013 – June 30, 2015)

One Health Faculty search committee for Pre-Eminence Position (2013 – 2014)

EGH MPH and PhD student awards committee (April 2014)

EGH Search Committee for non tenure-track position in environmental toxicology (April 2014).

PHHP Faculty Council (July 2014 to July 2020)

PHHP Chair Search for EGH (8/2015)

## **Member, Graduate Student Advisory Committee**

Regis Vilchez, M.D.; MS program, Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, Texas (9/00 – 6/03) (graduated, MS)

Ali Messenger, PhD program, EGH, UF. 12/2011 – 8/2013 (graduated, PhD)

Matthew Tribby, ME program, Dept. of Environmental Engineering Sciences, UF, 4/2012 – 6/2013 (graduated, MS).

Michael von Fricken, PhD Program, EGH, UF. 12/2011 – 7/2014 (graduated, PhD)

Katherine Sayler, PhD Program (Veterinary Medicine) and MPH (EGH), Emerging pathogens associated with the Lone Star Tick, *Amblyomma americanum*, in Florida. 1/2011 – 10/2014 (graduated, PhD).

Muhammed Salah Uddin Khan – Avian influenza viruses in Bangladesh from 2007 – 2012: determining risk, distribution, and the effectiveness of interventions to improve public health. PhD in Public Health, EGH, UF. 9/2012 - 17 Nov. 2015 (graduated, PhD).

Maha Adel Elbadry – Epidemiology of malaria transmission and drug resistance in Haiti. PhD in Public Health, EGH, UF. 9/2011– 20 Nov. 2015 (graduated, PhD)

Xiao (Bela) Zheng – Modulation of influenza virus infectivity and toll-like receptor activity by single-walled carbon nanotubes with distinct electronic structures. PhD in Public Health, EGH, UF. 9/2012 – 20 Nov. 2015 (graduated, PhD).

Benjamin D. Anderson – A One Health Approach for Studying Swine Virus Transmission in Pig Farms, China. 9/2012 - 20 Nov. 2015 (graduated, PhD).

Shannon Hentschel, 5/11/2015 – 4/3/2016 (graduated, MS-Translational Biotechnology).

Haoran Yu - Performance evaluation of a novel device for virus aerosol sampling– batch adiabatic expansion for size intensification by condensation (BASIC) 2015 – June, 2016, graduated MS – Environmental Engineering. Lednicky: Committee member.

Xiao Jiang (PhD, mechanical engineering, 2015 – 2018. Dissertation title: Development of laminated paper-based RNA amplification devices for detection of virus and virus aerosols. 17 Jly2018. Lednicky: Committee member.

Yaser Alsahafi (PhD student, EGH, 2014 – 11/2018). Dissertation title: Understanding disease-associated oral microbiota in humans: genetic and phylogenomic approach. Dissertation defense (successful) 8 Nov. 2018. Lednicky: Committee-member.

Maohua Pan (PhD, Environmental Engineering, 2015 – 2018). Dissertation title: Highly efficient virus aerosol collection system and its application in investigating distribution of infectious viruses in aerosols. 21 March 2018. Lednicky: Co-Advisor.

Hao Chen (PhD, Public Health, 2015 – 2018; graduated 2018); dissertation accepted by the Graduate School Editorial Office 7/30/2018. Dissertation title: Carbon Nanotubes Modulate Host Pulmonary Immune Responses and Respiratory Virus Infection Lednicky: Committee Member.

Mary Morris Merrill (PhD, Public Health, 2015-2018; graduated 2018). Indolent bystanders: surveillance of domestic and wild animals to inform human and animal vector-borne pathogen ecology. 12 July 2018. Lednicky: Committee Member.

Marissa Valentine-King (MPH; PhD graduated 2019). Assessing and addressing antibiotic resistance among mycoplasmas using a one health approach. 27 Mar. 2019. Lednicky: Committee member.

Nelmarie Landrau Giovannetti. PhD, Dept. of Infectious diseases and immunology, College of Veterinary Medicine. Title: Detection and Characterization of Emerging Pathogens in Stranded Cetaceans. 9 Nov. 2018. Lednicky: Outside committee member.

Sara Townsend Humes - INVESTIGATING THE EXPOSOME: A FOCUS ON TOXICANTS, VIRUSES, AND NOVEL MOLECULAR MECHANISMS (PhD, graduated 13 Dec. 2019).

Catherine McDermott (MS student, EGH, 11/2017 – graduated)

**Supervisor, Student PhD Committee**

1. Tania Bonny (PhD student, 2014 – successful PhD thesis defense 6/12/2017). Graduated 4 Aug. 2017.

2. Sarah White (PhD student, 2014 – successful PhD thesis defense 2/28/2017). Graduated 28 April 2017. **Recipient: EGH Outstanding PhD student research award 4/20/17.**

**3. Caroline Stephenson** (PhDstudent, ---- successful PhD thesis defense …2021). Graduated…… **Recipient:**

Accepted into CDC EIS fellowhip 21 Dec. 2021.

**International Advisory Board**

Global Center for Mass Gathering Medicine (a WHO Collaborating Center for MGM) – 1st Scientific Advisory Board Meeting, 29 April – 1 May, 2013. Ministry of Health Conference Hall, 2nd Tower, Ground Floor, Riyadh, Kingdom of Saudi Arabia.

Global Center for Mass Gathering Medicine (a WHO Collaborating Center for MGM) – 2nd International Conference for Mass Gathering Medicine, 21 – 23 September, 2013. Ritz-Carlton Hotel, Riyadh, Kingdom of Saudi Arabia.

## **Task Force Membership**

City of Chicago Commission on Animal Care and Control Task Force on *Canine distemper virus*, 5 Aug. 2004 – 30 June 2005.

## **Mentor for Pathology Resident Research Project**

Joseph Ohr, MD, DPh, Dept. of Pathology, LUMC. Project title: Molecular-Based Identification of Viruses Associated with Heart Tissue taken from Humans that Died of Viral Myocarditis (20 Sept 2001 – present).

Tara Rubinas, MD, Dept. of Pathology, LUMC. Project title: Identification of Two Pathogens from Human Lung Tissue in a Fatal Case of Hemorrhagic Pneumonia Masquerading as Hantavirus Pulmonary Syndrome. See: Archives of Pathology and Laboratory Medicine **128**, 640-644, 2004.

## **Mentor for Medical Student Research Project**

Heather A. Downes (Medical Student II), LUC Stritch School of Medicine. Project title: Construction of a Human Polyomavirus JC Virus Positive Control Template Plasmid for Diagnostic and Quantitative-Competitive PCR (11 June – 27 July, 2001). Status: Project completed.

## **Co-Mentor for Veterinary Student Research Project**

April Johnson (Veterinary Student, University of Illinois). PI: Dr. Jean Dubach, Veterinary Services, Brookfield Zoo. Project title: Molecular Detection of Beta-Herpesviruses in Spider Monkeys (20 May 2001 – 30 Dec. 2001). Status: Project completed.

**Mentor for Undergraduate Student (Conservation Medicine Center of Chicago Intern)**

Nancy Ho pre-sophomore-level student, Northwestern University, Chicago (7 August 2002 – 30 August 2002). Introduction to molecular laboratory techniques.

## **Work with comparative medicine ex-terns**

June 2, 2003. Introduction to molecular virology work. Laboratory session with: Carrie Sauter and Laura Kiel (Joliet Jr. College's Vet Tech program).

June 3 – August 30, 2004. Project with Elizabeth McGeehan entitled *Isolation and characterization of a parvovirus from an infected rat*. (E. McGeehan, extern, Veterinary Medical Technology Program, Joliet Junior College).

Co-author in: Lednicky. J.A., T.B. Waltzek, E. McGeehan, J.C. Loeb, S.B. Hamilton, and M. C. Luetke. 2013. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. Virol. J. 10:e213.

**Interns, UF**

Maya Carmen Luetke, new graduate EGH internship (cell culture and basic virology methods). 1/19/2012 - 4/26/2012.

Co-author in: Lednicky. J.A., T.B. Waltzek, E. McGeehan, J.C. Loeb, S.B. Hamilton, and M. C. Luetke. 2013. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. Virol. J. 10:e213.

Co-author in: Lednicky, J.A., J. S. Butel, M. C. Luetke, and J. C. Loeb. 2014. Complete genomic sequence of a new human polyomavirus 9 strain with an altered noncoding control region. Virus Genes. 2014 Dec; 49(3):490-2. doi: 10.1007/s11262-014-1119-z. Epub 2014 Sep 27.

## **Community Services (partial list)**

Lednicky, J. A. Human Germs: Parasitic worms, Fungi, Bacteria, and Viruses. January 9, 2002. Talk presented to second grade students, Scott Elementary School, Naperville, Illinois.

Overview of day to day functions of a modern molecular virology research laboratory: Entire working day presentation made for Matt Furber, a graduate student of journalism from NWU, Chicago, Illinois (14 Feb. 2002).

A molecular virologist’s typical work-day. Interview by Philip Martin for fourth-grade class project at Gower Elementary School, Willowbrook, Illinois (May 11, 2004).

Meeting with Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) and Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (21 June 2004).

Meeting with Dr. Jerry Quinlan (Fort Dodge Animal Health), Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control), Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control), and Chicago Commission on Animal Care and Control to discuss issues related to 2004 *Canine distemper virus* outbreak in Chicago dogs. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (15 July 2004).

Demonstration of *Canine distemper virus* microscopydetection methods(of Wright-Giemsa-stained WBC and by immunofluorescence microscopy of WBC) and tour of molecular research core facility to Chicago Commission on Animal Care and Control personnel (Dr. Jacek J. Jastrzebski and Jackie Batinich). 27 July 2004.

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) and Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (28 July 2004).

Meeting with Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (30 July 2004).

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control), Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control), Dr. Thomas Meehan (Chief Veterinarian, Brookfield Zoo), Dr. Lee Cera (Chairperson, Comparative Medicine, Loyola), Dr. Dan Parmer (Head, Cook County Rabies and Animal Control), and medical staff of Chicago Commission on Animal Care and Control to discuss issues related to *Canine distemper virus* and to form a City of Chicago distemper task force for the current (year 2004) outbreak. Meeting held at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (5 August 2004).

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) and Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control). Meeting held at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (17 August 2004).

Meeting with Chicago CDV Task Force, 22 Nov., 2004. Meeting held at 2 PM at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago.

Interview by High School Student (Kendra Jones, Shawnee Mission, KS) for school report entitled “Vaccine Research on the Avian Influenza”, January 15, 2007.

Analysis (colony morphology, gram stain, tape mounts, and catalase tests) of environmental cultures taken from school surfaces for elementary school project [students: Eli Pearce (10 yrs old) and Jonathan Felton (11 yrs old)], Dec. 26 – 29, 2009, and meeting with students at MRI-KC to discuss results, Jan. 21, 2010.

Phone interview by Jenny O’Donnell, UF undergraduate student, for her reporting class. Topic: Influenza virus and the efficacy of the current vaccine. 15 Jan. 2015, UF.

## **Press coverage/quotes (partial list)**

Mentioned in news report by Reuters Limited entitled: Polio vaccine linked to cancer. Yahoo! Headlines (Reuters Health Information Services Inc.) 26 August, 1996 [http://www.yahoo.com/headlines/960826/health/stories/polio\_1.html]

Mentioned in news report by Bob Kuska entitled: SV40: Working the bugs out of the polio vaccine. The Journal of the National Cancer Institute, **89,** 283-284, Feb. 1997.

Mentioned in news report by Elizabeth Pennisi entitled: Monkey virus DNA found in rare human cancers. Science, **275,** 748-749, Feb. 1997.

Mentioned in news report/editorial from WHO (World Health Organization) web site entitled: SV40 virus and the polio vaccine. 1999. Featured under “Hot topics” [http://www.who.org/gpv-safety/hottop/sv40.htm].

Mentioned in news report (by editorial staff) entitled: Baylor researchers discover possible link between SV40 virus and human tumors. Baylor Medicine, Mar. 1999 (page 2).

Mentioned in article by Debbie Bookchin and Jim Schumacher entitled: The virus and the vaccine. The Atlantic Monthly, Feb. 2000.

Mentioned in article by Michelle Lohmann entitled: Technology brings faraway experts to Urbana classroom. Veterinary Report, University of Illinois at Urbana-Champaign, Winter 2002, Vol. 26, No. 1.

Interview by Dave Savini (television news reporter for Channel 5, Chicago, an affiliate of NBC) over SV40 in human tumors. Oct. 25, 2002.

Interview (on live TV) by Elizabeth Brackett, WTTW (Channel 11) Chicago (June 9, 2003), on topic: *Monkey pox virus* and outbreak traced to exotic pets (Gambian rats and prairie dogs) in Illinois, Indiana, and Wisconsin.

Mentioned in book: *The virus and the vaccine*; authors: Debbie Bookchin and Jim Schumacher. **ISBN:** 0312278721, April 1, 2004.

Quoted in news-brief: Increased canine distemper detected in Chicago. Illinois State Veterinary Medical Association (ISVMA) E-Source Volume II, Number 5, August 19, 2004.

Featured in news article by Raksha Varma entitled: *Virus outbreak has experts worried for dogs*; Chicago Sun-Times, August 20, 2004. Also available over internet: <http://www.suntimes.com/output/news/cst-nws-dog20.html>

Mentioned in internet posting on August 22, 2004 by ProMed-mail (from International Society for Infectious Diseases): <http://www.promedmail.org/pls/askus/f?p=2400:1001:424240::::F2400_P1001_BACK_PAGE,F2400_P1001_ARCHIVE_NUMBER,F2400_P1001_USE_ARCHIVE:1202,20040822.2338,Y>

Quoted in news article in Chicago Tribune (page 5) entitled *Dog disease puts a halt to adoptions* by Russell Working on August 22, 2004. Article available from archives of Chicago Tribune as ISSB/ISBN 10856706.

Quoted in Daily Southtown newspaper in article entitled *Distemper spreads across Southland* on September 5, 2004 in article by Daniel Duggan (available at: <http://www.dailysouthtown.com/southtown/yrtwn/swest/053swyt1.htm>).

Quoted in CVMA Bulletin (Chicago Veterinary Medical Association), Sept. 2004, Volume 7, number 54 (article on pages 1 and 3).

Mentioned/quoted in lead JAVMA News article written by Bridget M. Kuehn, News Reporter, Nov. 1, 2004. See:

<http://www.avma.org/onlnews/javma/nov04/041101a.asp>

Featured in news article by Peter Gorner entitled: *Killer disease returns to stalk dogs*; Chicago Tribune, February 6, 2005. See: http://www.kolecke.net/node/23

Featured in article by Marcella Durand entitled: *Canine distemper outbreak* in DogWorld Magazine, March 2005, page 9.

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *Lednicky Named to Assessment Pane*l; January 12, 2007.

Shown (photograph) presenting 2006 CPS award to Dr. Robert Hawley in Midwest Research Institute e-newsletter (FYI) in article entitled: *2006 CPS Awards Named*; Feb. 9, 2007.

Presentation (in Pandemic Influenza Laboratory Conference in Jefferson City, Missouri on April 19, 2007) mentioned in Midwest Research Institute e-newsletter (FYI) on March 23, 2007.

Mentioned in Midwest Research Institute e-newsletter (FYI) in article entitled: *Scientific Work Published in GenBank*; June 15, 2007.

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *MRI Assists Kansas Department of Health and Environment;* Sept. 5, 2008.

Mentioned in article entitled: *Green Star One Step Closer to Marketing Algae Booster*; Oct. 14, 2008; article carried by various news services including:

<http://www.tradingmarkets.com/.site/news/Stock%20News/1939237/>

<http://www.businesswire.com/portal/site/home/permalink/?ndmViewId=news_view&newsId=20081013005962&newsLang=en>

<http://www.cnbc.com/id/27163781/>

<http://www.enertorial.com/2008/10/13/green-star-one-step-closer-to-marketing-algae-booster/>

<http://news.moneycentral.msn.com/provider/providerarticle.aspx?feed=BW&date=20081013&id=9263956>

Mentioned in article entitled *MRI launches algae research center;* Oct. 17, 2008; Biodiesel Magazine: <http://www.biodieselmagazine.com/article.jsp?article_id=2889>

Mentioned in article entitled *MRI alternative-energy research may fuel jobs, too*; Oct. 24, 2008; Kansas City Business Journal: <http://kansascity.bizjournals.com/kansascity/stories/2008/10/27/story7.html#1>

Similar article: Oct. 28, 2008: National Green News:

<http://sustainable.bizjournals.com/green/33358789.html>

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *MRI Researchers Attend Aerobiology in BioDefense III Conference*, Aug. 21, 2009.

Mentioned in article entitled [*YouChu 2010: Idaho Sustainable Energy: Algal biodiesel and high-protein biomass*](http://biofuelsdigest.com/bdigest/2010/04/13/youchu-2010-idaho-sustainable-energy-algal-biodiesel-and-high-protein-biomass/)

<http://biofuelsdigest.com/bdigest/2010/04/13/youchu-2010-idaho-sustainable-energy-algal-biodiesel-and-high-protein-biomass/>

April 13, 2010; Biofuels Digest.

Profile uploaded onto the BMC website, April 21, 2010:

<http://www.biomedcentral.com/profiles/default.asp?id=4338256942017288>.

Profile featured in the Infection Diseases subject gateway, under *Influenza Gateway*, April 21, 2010: <http://www.biomedcentral.com/gateways/infectiousdiseases>.

Mentioned in Midwest Research Institute e-newsletter (FYI) in article entitled: *Lednicky added to Biomed Central author profiles.* April 23, 2010.

Article (J Virol Methods. 2010 Aug;167(2):125-131) mentioned in CDC Top Ten Articles for the Week Aug. 9, 2010.

<http://www.cdc.gov/phlic/sciclips/issues/v2issue32.html>

Mentioned in PHHP News, Fall/Winter 2010, University of Florida College of Public Health and Health Professions.

Mentioned in: <http://www.wuft.org/news/2013/11/30/in-bradford-county-mold-problem-apparently-larger-than-one-elementary-school/> 30 Nov. 2013.

Interviewed (by Taylor Nones) in report about *Ebola virus* in animals. WUFT TV News, Tuesday, 21 Oct 2014, Gainesville, Florida.

Mentioned in: UFHealth Newsroom: UF researchers discover new virus in ticks. 13 Jan. 2015. <https://ufhealth.org/news/2015/uf-researchers-discover-new-virus-ticks>.

* Gainesville Sun newspaper: <http://www.gainesville.com/article/20150126/ARTICLES/150129717/1002/news01>
* Story: University of Florida researchers discover new virus in ticks (University of Florida researchers; UF college of Veterinary Medicine and Public Health and Health Professions; Katherine Sayler, Ph.D., who completed her doctoral degree from the UF veterinary college in December;

Media: Bionity.com, World News Report – EIN, Medical News Today

* Story: UF researchers discover new virus in ticks (University of Florida researchers; UF colleges of Veterinary Medicine and Public Health and Health Professions; John Lednicky, an associate professor in the College of Public Health and Health Professions’ department of environmental and global health, along with Dr. William Clapp, a professor of pathology in the UF College of Medicine’s department of pathology, immunology and laboratory medicine)

Media: News for Jax

* Lyme Disease Association http://www.lymediseaseassociation.org/index.php/lda-news-a-updates/1307-new-virus-discovered-in-fl-lone-star-ticks
* Bovine Veterinarian http://www.bovinevetonline.com/news/animal-health/uf-researchers-find-new-tick-borne-virus
* Cattle Network http://www.cattlenetwork.com/topics/vector
* Health Day News <http://consumer.healthday.com/infectious-disease-information-21/misc-infections-news-411/new-tick-virus-spotted-695466.html>
* Numerous others cache

Mentioned in Feb. 2015 issue of *This Month in PHHP*, a Newsletter of the UF College of Public Health and Health Professions (PHHP), in an article titled “Dr. John Lednicky Attends an AOAC Stakeholder Panel on Agent Detection Assays (SPADA) Conference”.

Mentioned in article titled: Dr. John Lednicky on Team Studying H1N1 Illnesses in Gainesville. This Month in PHHP March 2015 (College of Public Health and Health Professions Newsletter).

Mentioned in: <http://epi.ufl.edu/blog/uf-health-epidemiologists-and-researchers-unpack-the-genetics-of-a-flu-virus/>. 8 April 2015.

Mentioned in article titled: Researchers unpack the genetics of a flu virus. This Month in PHHP April 2015 (College of Public Health and Health Professions Newsletter). 9 April 2015.

Featured in blog: UF researchers call for close attention to flu viruses. 21 Dec. 2015.

<https://ufhealth.org/news/2015/uf-researchers-call-close-attention-flu-viruses>

Featured in article: Better surveillance should bring better flu vaccine. By Christopher Curry, in The Gainesville Sun (Newspaper). <http://www.gainesville.com/article/20151221/ARTICLES/151229963/1182?Title=Better-surveillance-should-bring-better-flu-vaccine>

21 Dec. 2015.

The Year in Review: Celebrating Our Achievements in 2015 Part 2.

<https://ufhealth.org/news/2016/year-review-celebrating-our-achievements-2015-part-2>

Emerging Pathogens Institute: Mentioned regarding studies on vector-borne transmission of chikungunya, dengue, and zika viruses. Also for work on genetic drift of influenza viruses. 21 Jan. 2016.

Mentioned in article: Five things to know about Zika virus. By Christopher Curry, in The Gainesville Sun (Newspaper).

[www.gainesville.com/article/20160127/ARTICLES/160129695/1002/news01?p=2&tc=pg](http://www.gainesville.com/article/20160127/ARTICLES/160129695/1002/news01?p=2&tc=pg)

27 January 2016.

Mentioned in This Month in PHHP (the PHHP college e-newsletter) in news clip titled “EGH Partners with Environmental and Engineering Sciences on New NIH R21 Grant Award”.

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=18&wysijap=subscriptions&user_id=4>

21 March 2016.

Undergraduate Student Video (Aerosol Research Team; for NSF Aerosol Project)

Videotaped by Jake Wagner (undergraduate student, UF) for short documentary. 8 April 2016.

CIDRAP (Center for Infectious Disease Research and Policy). <http://www.cidrap.umn.edu/news-perspective/2016/04/canada-reports-its-first-sexually-transmitted-zika-case>. Zika's earlier arrival in Haiti. 25 April 2016.

Zika Virus Outbreak in Haiti in 2014: Molecular and Clinical Data <http://www.globalhealthhub.org/2016/04/25/zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/>. 25 Apr 2016

Zika present in Americas longer than previously thought. 26 Apr 2016 (partial list)

* <http://www.sciencecodex.com/zika_present_in_americas_longer_than_previously_thought-181121>.
* http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email\_id=19&wysijap=subscriptions&user\_id=1
* <http://floridapolitics.com/archives/207929-uf-researchers-zika-present-americas-longer-previously-thought>.
* <http://epi.ufl.edu/blog/zika-present-in-americas-longer-than-previously-thought/>
* <http://myinforms.com/en-us/a/31531746-zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/>
* <http://r.search.yahoo.com/_ylt=A0LEVi78CyBX6RUAQ8QnnIlQ;_ylu=X3oDMTEycjFmdTVkBGNvbG8DYmYxBHBvcwM4BHZ0aWQDQjE4NjFfMQRzZWMDc3I-/RV=2/RE=1461746813/RO=10/RU=https%3a%2f%2fwww.terkko.helsinki.fi%2farticle%2f14610275_zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/RK=0/RS=M.za8LNpswAxkD_QKhhZ86bh59A->
* <http://www.eurekalert.org/pub_releases/2016-04/uof-zpi042616.php>

27 April 2016 (patial list)

* <http://www.zikavirusnet.com/literature.html>
* <http://www.firstpost.com/world/zika-virus-haiti-brazil-2752574.html>
* <http://www.futurity.org/zika-haiti-brazil-1148822/>
* <http://www.infectioncontroltoday.com/news/2016/04/zika-present-in-americas-longer-than-previously-thought.aspx>

27 April 2016

Mentioned in This Month in PHHP (the PHHP college e-newsletter) in news clip titled “UF Engineers and EGH Scientist File Provisional Patent Application”. <http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=19&wysijap=subscriptions&user_id=1>

28 April 2016 (partial list)

<http://www.aspph.org/florida-finds-zika-present-in-americas-longer-than-previously-thought/>

29 April 2016 (partial list)

Mentioned in article in Miami Herald titled: Haiti had Zika months before Brazil’s 2015 outbreak

<http://www.miamiherald.com/news/nation-world/world/americas/haiti/article74674787.html>

10 May 2016: Interview with Brian Dunleavy, Writer, Contagion *Infectious Diseases Today* (http://www.contagionlive.com/). ARTICLE PUBLISHED: 13 May 2016:

<http://www.contagionlive.com/news/experts-urge-united-states-to-be-proactive-not-reactive-in-response-to-zika>

21 May 2016: Mentioned in news clip:

<http://www.msn.com/es-us/noticias/other/in-this-saturday-may-21-2016-photo-a-vendor-shovels-rubbish-away-from-her-stand-at-a-street-market-in-port-au-prince-haiti-new-research-suggests-that-the-zika-virus-has-been-present-in-haiti-sinc/ar-BBtmVLG>

23 May 2016: Interview regarding Zika by Marissa Sarbak, reporter, WGFL/WNBW/WYME news (www.mygtn.tv). Interview aired during evening news (23 May 2016).

Mentioned in article: *Concern in Haiti over emerging condition linked to Zika* by David McFadden (Associated Press), 23 May 2016. Article published by Associated Press and other news agencies:

<https://www.yahoo.com/news/concern-haiti-over-emerging-condition-linked-zika-155627618.html?ref=gs>

27 May 2016: Interview regarding *Zika virus* with Brian Dunleavy, Writer, Contagion Infectious Diseases Today (http://www.contagionlive.com/). Report: 4 June 2016: <http://www.contagionlive.com/news/zika-virus-vaccine-development-stalled-by-concerns-over-marketability>

22 June 2016: Mentioned in This Month in PHHP (newsletter of the UF College of Public Health and Health professions) in article titled “High Profile Article by Dr. John Lednicky and Colleagues Identify Zika in Hatians Prior to the WHO Declared Outbreak”.

31 August 2016. On-air (“live”) radio interview with Nick LoCicero, Salem Media Groups, Orlando (AM660/FM105.5) regarding concerns for Zika Fever in Central Florida.

6 Sept. 2016. Undergraduate student interview (for Journalism class) with Rachel R. La Pointe.

14 Sept. 2016 Interview with WUFT news, Gainesville, Zika virus.

15 Sept. 2016 Interview with WUFT news, Gainesville, Zika virus.

15 Sept. 2016: Quoted in: <https://ufhealth.org/news/2016/new-mosquito-borne-disease-detected-haiti>

15 Sept. 2016: Interviewed by Jacqueline Charles, Caribbean/Haiti Correspondent,

Miami Herald.

<http://www.miamiherald.com/news/nation-world/world/americas/haiti/article102113052.html>

15 Sept. 2016: <https://www.sciencedaily.com/releases/2016/09/160915164905.htm>

<https://www.yahoo.com/news/m/1839350e-6f52-3440-9d1d-503b0cf377ee/ss_a-new-mosquito-borne-illness.html>

<http://myinforms.com/en-us/a/41364302-a-new-mosquito-borne-illness-has-been-detected-in-haiti/>

16 Sept. 2016: <http://www.genengnews.com/gen-news-highlights/mysterious-new-mosquito-borne-disease-found-in-caribbean/81253208/>

<http://www.upi.com/Health_News/2016/09/16/Chikungunya-like-Mayaro-virus-reported-in-Haiti-for-first-time/7931474027462/?spt=sec&or=hn>

<https://flutrackers.com/forum/forum/emerging-diseases-other-health-threats-alphabetical-i-thru-z/other-aa/760506-mayaro-virus-detected-in-haiti>

<http://22century.ru/medicine-and-health/33573>

<http://kopalniawiedzy.pl/goraczka-Mayaro-wirus-Mayaro-Haiti-Amazonia-Glenn-Morris-John-Lednicky,25227>

<http://www.agerpres.ro/sanatate/2016/09/16/o-maladie-noua-transmisa-de-tantari-a-fost-identificata-in-haiti-19-35-28>

17 Sept. 2016: PROMED - promed-post@promedmail.org; [promed-edr-post@promedmail.org](mailto:promed-edr-post@promedmail.org). MAYARO VIRUS DISEASE – HAITI. A ProMED-mail post

<http://www.promedmail.org>

20 Sept. 2016: Interview with Tim Rogers, FUSION NEWS. Article titled: Is Mayaro virus the next Zika? http://fusion.net/story/348905/is-mayaro-virus-the-next-zika/

20 Sept. 2016: Mentioned in web article: El virus Mayaro se acerca a Centroamérica. http://www.webconsultas.com/noticias/salud-al-dia/virus-mayaro/el-virus-mayaro-se-acerca-a-centroamerica

27 Sept. 2016: SKYPE Interviewed by Maria Cartaya, CNN (Espaňol), over Mayaro and Zika viruses. PHHP small conference room, 4th floor, HPNP Bldg.

28 Sept. 2016: Mentioned in This Month in PHHP – September 2016, in article titled: *John Lednicky and Colleagues Find Another Significant Mosquito-Borne Virus in Haiti.*

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=25&wysijap=subscriptions&user_id=658>

28 Sept. 2016: Mentioned in UF in the NEWS (linked to Tim Rogers interview of 20 Sept 2016; article titled “Is Mayaro virus the next Zika”?)

<http://us6.campaign-archive1.com/?u=aee8059959dedc6c9cdfe31d0&id=f67c541fa2&e=3b20667e03>

11 Oct. 2016: Interviewed by Lisa Nikolau, Humanosphere. Article: titled “The problem with calling mayaro ‘the next Zika’ (published online 12 Oct. 2016):

http://www.humanosphere.org/global-health/2016/10/problem-calling-mayaro-next-zika/

17 Oct. 2016. Interviewed (email) by Marcelo Cordova, journalist working for La Tercera newspaper, Chile, regarding Mayaro virus. Article published 29 Oct. 2016 titled: El mayaro, el nuevo virus transmitido por mosquitos que preocupa a América Latina.

https://actualidad.rt.com/actualidad/222301-mayaro-nuevo-virus-transmitido-mosquito-haiti

26 Oct. 2016. Interviewed by Beatriz Diez for BBC Mundo. Article published 27 Oct. 2016 (in Spanish) by Maria Esperanza Sanchez titled: Qué es mayaro, el virus con presencia en América Latina que comienza a preocupar a científicos

<http://www.bbc.com/mundo/noticias-37775523>.

16 Feb. 2017. Interviewed by Kathryn Mellinger, WUFT News, Gainesville, Florida, over virus aerosol collection and air sampling work.

1 Mar 2017. Phone interview by Sofia Restrepo, UF undergraduate student in public relations, over Zika virus.

1 Apr 2017. Dr. Oz The Good Life magazine. Aerosol-related work mentioned in: Bus/Subway/Train ride?

24 April 2017. Dr. Oz The Good Life magazine, article titled “How Healthy is Your Commute?” Mentioned in “Breathing in the Flu Virus” section.

<http://www.drozthegoodlife.com/healthy-lifestyle/a3809/how-healthy-is-your-commute/>

26 April 2017. Mentioned in This Month in PHHP (PHHP College Newsletter) in paragraph titled: Dr. John Lednicky Participates in a Mitre Corporation Sponsored Workshop in Washington, D.C.

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=31&wysijap=subscriptions&user_id=658>

23 August 2017. Mentioned in This Month in PHHP (PHHP College Newsletter) in paragraphs titled:

* Team Reports Case of Locally Acquired Dengue Fever
* Multidisciplinary and Inter-institutional Team Wins RO1 Award

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=35&wysijap=subscriptions&user_id=658>

13 Sept. 2017. Work on discovery of *Mayaro virus* in Haiti mentioned in mentioned in PROMED. PRO/AH/EDR> Mayaro virus disease – Brazil.

13 Sept. 2017. Mentioned in UF/IFAS Communications ([www.blogs.ifas.ufl.edu](http://www.blogs.ifas.ufl.edu)) in article title *UF researchers to use $2.7 million grant to influenza.*

18 Oct. 2017. Interviewed by Laurel Hamers, Science News Magazine, over my perspective on a new Influenza H7N9 article to be published 19 Oct. 2017 in Cell Host & Microbe. Article titled: *A highly pathogenic avian H7N9 influenza virus isolated from a human is lethal in some ferrets infected via respiratory droplets*, by M. Imai *et al*.

25 Oct. 2017. Mentioned in This Month in PHHP-October 2017, in paragraph titled: *Multidisciplinary Team Reports Highly Successful Method to Collect Virus Aerosols.*

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=37&wysijap=subscriptions&user_id=658>

15 Dec. 2017. Mentioned in article: Florida Postdoctoral Fellow Receives Award from Venezuelan National Academy of Medicine. ASPPH Friday letter (15 Dec. 2017):

<https://www.aspph.org/florida-postdoctoral-fellow-receives-award-from-venezuelan-national-academy-of-medicine/>

22 Jan. 2018. Interviewed by Kimberly Miller, Staff Writer, The Palm Beach Post, West Palm beach, Florida, regarding the association between cold weather and influenza (does cold weather affect vulnerability to influenza?).

24 Jan. 2018. Mentioned in This Month in PHHP-Jan. 2018, in paragraph titled: *Researchers Link Nanotubes with Influenza Infection.*

<http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=39&wysijap=subscriptions&user_id=658>

26 January 2018. Interviewed by Erin France, University of Florida student, for media (reporting) class assignment on current concern about Influenza in Marion County, Florida.

20 Feb. 2018. Mentioned in UF Health homepage blog in article by Evan Barton titled: Zika virus likely transmitted through breast milk, report finds.

<https://m.ufhealth.org/blog/zika-virus-likely-transmitted-through-breast-milk-report-finds?device=mobile>

26 Feb. 2018. Mentioned in UF News article titled “For flu detection, just add water”. See: <http://news.ufl.edu/articles/2018/02/for-flu-detection-just-add-water.php>

28 Feb. 2018. Interviewed by Adam Turner, Independent Florida Alligator news service, regarding the new air sampler being developed by Dr. C-Y Wu et al.

2 Mar. 2018. Mentioned in Association of Schools and Programs of Public Health (ASPPH) news article titled: Florida Report Finds Zika Virus Likely Transmitted Through Breast Milk. See: <https://www.aspph.org/florida-report-finds-zika-virus-likely-transmitted-through-breast-milk/>

12 March 2018. Interviewed by Tamara Thal, UF student; subject: 2017-2018 Influenza season. For Multimedia writing class.

Mentioned in newsletter article titled “CHeRI’s Virus Hunters”. UF/IFAS Cervidae Health Research Initiative Volume 3 Issue 1 March 2018.

9 Jun 2018: Keystone Virus: First Isolation from a Human. Summary/Comment by Stephen G. Baum, MD. In: NEJM Journal Watch.

<https://www.jwatch.org/na46974/2018/06/25/keystone-virus-first-isolation-human>

11 June 2018. Keystone virus article featured in PRO/AH/EDR> Keystone virus - USA: (FL).

12 June 2018. Keystone virus work mentioned in CIDRAP article “Orthobunyavirus research developments.” <http://www.cidrap.umn.edu/news-perspective/2018/06/news-scan-jun-12-2018>

13 June 2018. Keystone virus work mentioned in International biosecurity and Prevention Forum.

<https://www.ibpforum.org/news/keystone-virus-isolated-florida-teenager-rash-and-subjective-fever-another-endemic-arbovirus>

18 June 2018. Mentioned in article titled “Virus found in Florida resident may be widespread throughout the Southeast”. UF Health News. <https://ufhealth.org/news/2018/virus-found-florida-resident-may-be-widespread-throughout-southeast>

18 June 2018. Mentioned in article “As Venezuela's public health system collapses, mosquito-borne viruses re-emerge”.

<https://www.myplainview.com/news/article/As-Venezuela-s-public-health-system-collapses-13003175.php>

19 June 2018. Interviewed by Yaremi Farinas, CBS-4 and CBS-12 News, Florida. Article posted titled “Rising health concerns across the state of Florida”. <http://cbs12.com/news/local/rising-health-concerns-across-the-state-of-florida>

20 June 2018. Mentioned in U.S. News & World Report in article titled “Florida Teen First Human Case of Another Mosquito-Borne Virus” in article by Robert Preidt.

<https://health.usnews.com/health-care/articles/2018-06-20/florida-teen-first-human-case-of-another-mosquito-borne-virus>

UPI: <https://firenewsfeed.com/lifestyle/1698618>

21 June 2018 Keystone virus related: Fox News: <http://abcnews4.com/news/nation-world/uf-studies-a-new-mosquito-borne-virus-found-in-a-tampa-teenager>

Fox 13 News, Tampa Bay: <http://www.fox13news.com/health/doctors-undiagnosed-cases-of-mosquito-borne-keystone-virus-likely>

Fox 8 News, Gainesville: <http://myfox8.com/2018/06/21/florida-researchers-find-mosquito-borne-virus-called-keystone-in-human-for-first-time/>

22 June 2018: Keystone virus-related news:

Medical Daily: <https://www.medicaldaily.com/what-keystone-virus-florida-teen-infected-first-ever-human-case-424942>

ABC News: <https://abcnews.go.com/Health/virus-town/story?id=5606921>

ABC 4 news (Gainesville): <http://abcnews4.com/news/nation-world/uf-studies-a-new-mosquito-borne-virus-found-in-a-tampa-teenager>

National Public Radio: <https://www.npr.org/2018/06/21/622402387/keystone-virus-makes-jump-from-mosquitoes-to-human-for-first-time>

Newsweek: <http://www.newsweek.com/mosquito-borne-keystone-virus-found-human-first-time-990279>

Inverse: <https://www.inverse.com/article/46306-keystone-virus-in-florida-is-first-known-case-of-mosquito-borne-infection>

Buzzfeed: <https://www.buzzfeed.com/carolinekee/first-human-case-keystone-virus-florida-mosquitoes?utm_term=.byM4eBevd#.gs2rRnRj6>

25 June 2018. Interviewed by Jenna Bourne, CMG-Jacksonville (Cox Media Group). [Fox30, CBS47, Action News JAX, My TV Jax]

25 June 2018. Interviewed by Robert Herriman (Outbreak News Today) in article titled: Keystone virus: An interview with John Lednicky, PhD. <http://outbreaknewstoday.com/keystone-virus-interview-john-lednicky-ph-d-97828/>

26 June 2018. Keystone virus article mentioned in ASM Weekly NewsDigest. Article titled: Mosquito-Borne Keystone Virus Has Been Found in Humans for the First Time. American Society for Microbiology; communications@asmusa.org.

27 June 2018: Mentioned in This Month in PHHP – June 2018, in article titled: Emerging Virus Uncovered by EGH Researchers. <https://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=44&wysijap=subscriptions&user_id=658>

1 Aug. 2018. Mentioned in PROMED in article titled “SPONDWENI VIRUS - HAITI: 2016, MOSQUITO POOL”.

15 Aug. 2018. Interviewed by Marilyn Knowlton, then mentioned in news blurb titled “Another mosquito-borne virus may be widespread”. BottomLine Personal, August 15, 2018.

11 Nov. 2018. Article in PLoS ONE titled: A new "American" subgroup of African-lineage Chikungunya virus detected in and isolated from mosquitoes collected in Haiti, 2016, by S. White et al. discussed in PROMED, CHIKUNGUNYA (08): AMERICAS, AFRICA, ASIA, EUROPE, OBSERVATIONS, RESEARCH. <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.promedmail.org&d=DwIGaQ&c=pZJPUDQ3SB9JplYbifm4nt2lEVG5pWx2KikqINpWlZM&r=ZQ-qayMRRuGkdUinA6-tg8iICin1eCRt9PzhdG8SJbo&m=gRkid5AEMsoDXOoNOvdol7WfxtWYlfoCMrdUK1WBKT8&s=I0qFvtgvDmCXlZ-mF98eUyptt-Idag188AG2J89HpOA&e=>

10 Jan. 2018: PLOS NTD MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. ScienceDaily. <https://www.sciencedaily.com/releases/2019/01/190110141845.htm>

MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. Medical Xpress.

<https://medicalxpress.com/news/2019-01-madariaga-virus-haiti.html>

MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. Science News.

<https://esciencenews.com/sources/science.daily/2019/01/11/madariaga.virus.spreads.haiti>

16 Jan. 2018. Madariaga virus article presented in PROMED. PRO/AH/EDR> Madariaga virus - Haiti: 1st rep, 2015-2016.

A ProMED-mail post

<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.promedmail.org&d=DwIGaQ&c=pZJPUDQ3SB9JplYbifm4nt2lEVG5pWx2KikqINpWlZM&r=ZQ-qayMRRuGkdUinA6-tg8iICin1eCRt9PzhdG8SJbo&m=-lQL89_ak7InAjQ_Tg2wt0pmdCBDSsKuknHr2KEoUps&s=7ZfWTVLlAqghuvRq0NT8FWrd8hrCnL2aA5PurMnWT2A&e=>

23 Jan. 2019. Mentioned in *This Month in PHHP – January 2019* (a UF College of Public Health and Health professions newsletter) in paragraph titled *Lednicky Helps Find Madariaga Virus in Haiti.*

<https://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=57&wysijap=subscriptions>

31 Jan. 2019. Article (Perspective, printed in EID journal: *Resurgence of Vaccine-Preventable Diseases in Venezuela as a Regional Public Health Threat in the Americas* by A. Paniz-Mondolfi *et al*., mentioned on PHHP website Recent News article titled: Venezuela’s next crisis: rampant spread of infectious disease.

<https://phhp.ufl.edu/2019/01/31/venezuelas-next-crisis-rampant-spread-of-infectious-disease/>

22 Feb. 2019. Lancet Infectious Diseases article mentioned in:

<https://www.nbcnews.com/news/latino/life-threatening-insect-borne-diseases-spike-venezuela-report-says-n974216>

<https://www.reuters.com/article/us-health-venezuela-diseases/venezuela-crisis-could-spark-surge-in-infectious-diseases-study-idUSKCN1QA2ZN>

<https://www.theguardian.com/global-development/2019/feb/21/venezuela-crisis-threatens-disease-epidemic-across-continent-experts>

<https://www.cbc.ca/news/health/venezuela-infections-1.5029548>

<https://www.channelnewsasia.com/news/health/venezuela-crisis-could-spark-surge-in-infectious-diseases---study-11278640>

20 March 2019. SKYPE Interview (together with Gabriela Blohm) by Christina Caicedo Smit, Voice of America News. Article published 22 March 2019. Article title: Spanish: “Los virus no respetan fronteras”, explican epidemiólogos sobre crisis de salud en Venezuela”. English: "Viruses do not respect borders", explain epidemiologists on health crisis in Venezuela”. <https://www.voanoticias.com/a/venezuela-salud-sarampion-vacunas/4843239.html>

4 April 2019. Phone interview regarding influenza virus with Sara Marino, Breaking News Reporter, TCPalm, [Treasure Coast Newspapers, part of the USA today network).

16 April 2019. Voice of America report released on-line regarding arbovirus work in support of Venezuelan colleagues by Gaby Blohm in Lednicky laboratory. <https://www.voanews.com/a/4877027.html>

6 Jan. 2020. Novel orbiviruses paper presented in PROMED. PRO/AH/EDR> Novel Orbivirus - USA: (FL) farmed deer.

A ProMED-mail post

<[https://urldefense.proofpoint.com/v2/url?u=http-3A\_\_www.promedmail.org&d=DwICAg&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=cPj8s5erMzAIJFIis\_0pv5RjHe6qpEQrXwdDBAlOh3Y&s=9SkqvmQuKa4GPI1tUr53gX33H916ZiKNClnf3FzZPcw&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.promedmail.org&d=DwICAg&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=cPj8s5erMzAIJFIis_0pv5RjHe6qpEQrXwdDBAlOh3Y&s=9SkqvmQuKa4GPI1tUr53gX33H916ZiKNClnf3FzZPcw&e=%20)

11 Jan. 2019. Comments by John Lednicky written into article: Triple antibiotic cream or gel cannot prevent the flu, may also worsen antibiotic resistance due to indiscriminate use.

<https://healthfeedback.org/claimreview/triple-antibiotic-cream-or-gel-cannot-prevent-the-flu-may-also-worsen-antibiotic-resistance-due-to-indiscriminate-use/>

15 Jan. 2020. Phone interview about relation between cold weather and influenza by Kimberly Miller, Climate and Environmental reporter, The Palm Beach Post, West Palm Beach, Florida.

22 Jan. 2020. Interviewed about 2019-novel Coronavirus by Chris Bilowich, UF-Health videographer. UF-Shands.

<https://www.youtube.com/watch?v=-TzJUTlC7zg&feature=youtu.be>

24 Jan. 2020. Interviewed about 2019-novel Coronavirus. ABC Channel 20 (WCJB).

<https://www.wcjb.com/video?vid=567276172>; <https://www.wcjb.com/content/news/UF-Health-Shands-talks-567274321.html>

CBS4 <https://mycbs4.com/news/local/cdc-confirms-second-case-of-novel-coronavirus-in-the-us>

27 Jan. 2020. Interviewed by UF journalism student Thomas B. Holton regarding 2019-novel coronavirus.

28 Jan. 2020. Topic: novel coronavirus. Interviewed by Gainesville Sun. Interviewed by WUFT. Interviewed by Noah Ram, UF journalism student.

29 Jan. 2020. Interviewed by Matthew Peddie, WMFE 90.7 radio station, Orlando, Florida (NPR member station), regarding 2019 – novel Coronavirus. Interviewed by Jennifer Lu, LA Times.

30 Jan 2020. Reddit Ask Me Anything: Viruses (set up by Jewel Midelis, UF Research) (2 hr session).

5 Feb. 2020. ASBMB interview regarding antivirals to treat 2019-novel coronavirus: <https://www.asbmb.org/asbmb-today/science/2020/february-2020/could-an-old-malaria-drug-help-fight-the-new-coron>

24 Feb. 2020. WUFT. In-lab interview.

25 Feb. 2020. Gainesville Sun. Interviewed by Emily Mavrakis regarding use of face masks to prevent acquiring COVID-19, and shortage of face masks in Gainesville. <https://www.gainesville.com/news/20200225/area-residents-take-coronavirus-precautions>

28 Feb. 2020. Interviewed by Zee Krystic, GoodHousekeeping.com. <https://www.goodhousekeeping.com/health/wellness/a31157492/how-to-prepare-for-coronavirus/>

3 March 2020.

<https://www.heraldtribune.com/news/20200302/desantisrsquo-virus-response-likened-to-trump-missteps>

<https://www.sun-sentinel.com/health/fl-ne-coronavirus-florida-next-20200303-7dtnlpurmbaffpkydlapsstf7u-story.html>

5 March 2020: Coronavirus Myth-busting; local expert weighs in on COVID-19. Channel 20, ABC, WCJB, Gainesville, FL. <https://www.wcjb.com/content/news/Coronavirus-Mythbusting-Local-expert-weighs-in-on-COVID-19-568539941.html>

6 March 2020. Making the Rounds. Weekly newsletter of UF Health News. Coronavirus consultant. <http://www.epi.ufl.edu/articles/coronavirus-consultant.html>

6 March, 2020: EPI FACEBOOK: <https://www.facebook.com/UFEPI/posts/2870045106395318?__tn__=K-R>

10 March, 2020.

<https://www.orlandosentinel.com/weather/os-ne-coronavirus-disappear-weather-temperature-warm-up-20200310-pi3zc3o2mfcdphr2ct3f2ufc6a-story.html>

<https://www.gainesville.com/news/20200309/paranoia-vs-precaution-when-should-local-events-be-canceled-due-to-covid-19>

11 March 2020

<https://www.tallahassee.com/story/news/local/state/2020/03/12/coronavirus-tests-way-florida-increase-capacity-gov-desantis-says/5034264002/>

12 March 2020

<https://www.tallahassee.com/story/news/local/state/2020/03/12/coronavirus-tests-way-florida-increase-capacity-gov-desantis-says/5034264002/>

25 March 2020

How long does coronavirus stay on surfaces and can they infect you?

<https://www.newscientist.com/article/2238494-how-long-does-coronavirus-stay-on-surfaces-and-can-they-infect-you/>

7 April 2020. Mentioned in article regarding face masks: To Curb Coronavirus, What’s Behind The Wearing Of A Mask? By Julie Appleby, Kaiser Health News.

<https://khn.org/news/to-curb-coronavirus-whats-behind-the-wearing-of-a-mask/>

20 April 2020. Interview by Jenese Harris. WJXT4, Jacksonville.

<https://www.news4jax.com/news/local/2020/04/21/uf-researcher-created-test-thats-being-used-to-find-hidden-covid-19-patients/>

26 April 2020. Interview over air-conditioning and SARS-C0V-2 by Good Housekeeping company. <https://www.goodhousekeeping.com/health/a32270116/can-air-conditioning-spread-coronavirus/>

11 Aug. 2020. On-air interview (live) by Radio Station KCBS, San Francisco, regarding aerosols and SARS-CoV-2.

11 Aug. 2020. Interviewed by Apporva Mandavilli, then MedRxiv article and Lednicky laboratory SARS-CoV-2 aerosol work discussed in New York Times article titled ‘A Smoking Gun’: Infectious Coronavirus Retrieved From Hospital Air. <https://www.nytimes.com/2020/08/11/health/coronavirus-aerosols-indoors.html?smtyp=cur&smid=tw-nythealth>

11 Aug. 2020. Interviewed by Dr. Jon LaPook regarding MedRxiv article and Lednicky laboratory SARS-CoV-2 aerosol work, then mentioned in CBS National News in coronavirus-related report.

12 Aug. 2020. Interviewed by WSVN Miami regarding SARS-CoV-2 in aerosols.

12 Aug. 2020. Interviewed by FOX 35 regarding SARS-CoV-2 in aerosols.

12 Aug. 2020. Interviewed by NBC news regarding SARS-CoV-2 in aerosols.

13 Aug. 2020. Interviewed by WCJB TV20 (Gainesville) regarding SARS-CoV-2 in aerosols.

17 Aug. 2020. Web links to Spanish-language articles after interview 8/14/2020 with Ivonne Malaver, EFE News.

[https://www.sandiegouniontribune.com/en-espanol/vida-latina/innovacion/articulo/2020-08-13/el-virus-de-la-covid-19-flota-vivo-en-el-aire-y-contagia-a-mas-distancia](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.sandiegouniontribune.com_en-2Despanol_vida-2Dlatina_innovacion_articulo_2020-2D08-2D13_el-2Dvirus-2Dde-2Dla-2Dcovid-2D19-2Dflota-2Dvivo-2Den-2Del-2Daire-2Dy-2Dcontagia-2Da-2Dmas-2Ddistancia&d=DwMFaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=wGJSEaTh3gwGVTUkDouB6EmauAOeYG1MjphB7kH6QFY&s=QB2j56Qs7YqKaV_LTvXxFOLrmk8aFDnKkwTQ6qzTYqA&e=)

[https://www.forbes.com.mx/noticias-covid-19-vivo-en-aire-contagia-casi-2-metros-distancia-estudio/](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.forbes.com.mx_noticias-2Dcovid-2D19-2Dvivo-2Den-2Daire-2Dcontagia-2Dcasi-2D2-2Dmetros-2Ddistancia-2Destudio_&d=DwMFaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=wGJSEaTh3gwGVTUkDouB6EmauAOeYG1MjphB7kH6QFY&s=TYq88DnIDJ1aG-RaYjQ-R7MWRAk3lB6li10S8aQ19AQ&e=)

[https://www.diariolibre.com/usa/actualidad/el-virus-del-covid-19-flota-vivo-en-el-aire-y-podria-contagiar-a-mas-distancia-CA20757270](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.diariolibre.com_usa_actualidad_el-2Dvirus-2Ddel-2Dcovid-2D19-2Dflota-2Dvivo-2Den-2Del-2Daire-2Dy-2Dpodria-2Dcontagiar-2Da-2Dmas-2Ddistancia-2DCA20757270&d=DwMFaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=wGJSEaTh3gwGVTUkDouB6EmauAOeYG1MjphB7kH6QFY&s=h9cznNelySU1uIsnMoY-HgH3W3aIXZb9M7viKJVJINI&e=)

[https://es.noticias.yahoo.com/virus-covid-19-flota-vivo-183106732.html](https://urldefense.proofpoint.com/v2/url?u=https-3A__es.noticias.yahoo.com_virus-2Dcovid-2D19-2Dflota-2Dvivo-2D183106732.html&d=DwMFaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=wGJSEaTh3gwGVTUkDouB6EmauAOeYG1MjphB7kH6QFY&s=RkTgoppSgkkUTmBeUa7Cw5hl5fkxZE8TZxFXgoucIkA&e=)

[https://www.cnnchile.com/coronavirus/estudio-covid-19-flota-vivo-contagia-18-metros\_20200813/](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cnnchile.com_coronavirus_estudio-2Dcovid-2D19-2Dflota-2Dvivo-2Dcontagia-2D18-2Dmetros-5F20200813_&d=DwMFaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=wGJSEaTh3gwGVTUkDouB6EmauAOeYG1MjphB7kH6QFY&s=Zc_oiAx3I0UoscqfSiMSK50DXCJF_bHlWf2EQwx6-mo&e=)

19 Aug. 2020. Interviewed by Rebecca Baer, Florida Channel, about Zika virus. WCJB Channel 20, abc news, in Gainesville.

28 Aug. 2020: UF: <https://www.essie.ufl.edu/uf-researchers-find-viable-viruses-in-aerosols-that-cause-covid-19/>

3 Sept. 2020. Interviewed by Aurora Martinez, reported for The Alligator, regarding COVID-19 and aerosols.

12 Sept. 2020. Featured along with Dr. CY Wu in article by DeLene Beeland:

<https://epi.ufl.edu/articles/uf-epi-aerovirology-partnership.html>

14 Sept. 2020. Interviewed by Jeff Deal, WFTV Channel 9, Orlando, FL.

<https://www.wftv.com/news/local/experts-signal-warning-over-preparations-future-outbreaks/UG2JTKAEEJEGFJ63SQIJLDBWLA/>

20 Sept. 2020. Interviewed about SARS-Cov-2 and aerosols by Naseem Miller, Orlando Sentinel. <https://bit.ly/32NQ3NR>

5 Oct. 2020. Interviewed by Susie Nielson, Business Insider. <https://www.businessinsider.in/science/news/the-plexiglass-barriers-that-will-separate-harris-and-pence-at-the-debate-probably-wont-stop-coronavirus-laden-aerosols-scientists-say/articleshow/78504618.cms>

9 Nov. 2020. Interviewed by Jake Stofan, Capitol News Service, Tallahassee. WCTV, Tallahassee, WCJB channel 20 (ABC news affiliate), Gainesville. <https://www.wcjb.com/2020/11/09/florida-cases-ticking-up-winter-could-be-worse/>

11 Nov. 2020. Interviewed by Rebecca Rubin, for Variety (Publication). <https://www.yahoo.com/entertainment/survival-mode-movie-theaters-brace-151427279.html>

<https://variety.com/2020/film/news/movie-theaters-pandemic-coronavirus-vaccine-1234833340/>

13 Jan. 2021. Interviewed about SARS-CoV-2 aerosols by Sandhya Ramesh, Sr. Editor, Science, ThePrint (https://theprint.in/category/science/), India.

<https://theprint.in/health/coronavirus-likelier-in-air-we-breathe-than-surfaces-touched-what-scientists-say-we-got-wrong/586051/>

10 Feb. 2021. Interviewed about SARS-CoV-2 on door surface by Divya Kumar, Tampa Bay Times. Article 12 Feb. 2021: <https://www.tampabay.com/news/education/2021/02/11/coronavirus-hit-florida-earlier-than-we-thought-on-a-door-handle-at-uf/>

12 Feb. 2021. Results of environmental study (SARS-CoV-2 found on door handle) featured in local new article (CBS 4 news):

<https://mycbs4.com/news/local/covid-19-detected-at-university-of-florida-before-states-first-official-case-in-2020>

17 Feb. 2021. Media Advisory: Wasserman Schultz, Medical Expert Discuss COVID Variant, Spring Break, Lack of Mask Mandate Threat. (John Lednicky = Medical Expert = discussed SARS-CoV-2 variants).

17 Feb. 2021. Interviewed by Bill Levesque, UF news, regarding SARS-CoV-2 variants. 2/24/2021: <https://ufhealth.org/news/2021/uf-health-virologist-talks-about-variants-and-future-coronavirus>

24 Feb. 2021: Interviewed by Lewis Tingler at WCJB (channel 20 ABC, Gainesville).

22 March 2021: Interviewed by Emily Anthes, NY Times. Mentioned in article:

<https://www.nytimes.com/2021/03/24/health/coronavirus-testing-airborne-aerosol-indoor.html>

5 Apr. 2021: Interviewed by Veronica Marshall, WINK NEWS.

<https://www.winknews.com/2021/04/06/cdc-says-surface-contact-is-low-cause-of-covid-19-spread-updates-guidance/>

18 May 2021: Interviewed by Linda Lew, science reporter for the South China Morning Post.

2 June 2021: Answers to COVID-19 related questions sent to Renée Morrison, writer and content strategist, who was preparing an article for CampusWell, a nationwide student wellness website. Renée Morrison, 514-889-3383, [hello@reneemorrison.com](mailto:hello@reneemorrison.com), [www.reneemorrison.com](http://www.reneemorrison.com).

4 Aug. 2021: Melao virus discovery and other work featured in UF EPI news: <https://epi.ufl.edu/articles/uf-team-uncovers-emerging-viruses-in-haiti.html>

26 Aug. 2021: Interviewed about face masks by Lara Rabinowitz, Fox 35 News, Orlando, Florida.

<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.fox35orlando.com_news_as-2Dschool-2Dmask-2Dmandate-2Ddebate-2Drages-2Don-2Ddo-2Dmasks-2Dreally-2Dwork&d=DwIFAg&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=CNMTzi2mWG1rD1pdXAFeVUGjKGKZRBkMbxCe4xf8vfo&s=u0__NvSKiTX-UseECY1ZunuSLgiejhRiVtMAX0NZH9g&e=>

2 Sept. 2021: <https://epi.ufl.edu/articles/rapid-emergence-and-spread-of-the-gamma-variant-in-hait.html>

7 Sept. 2021: Interviewed b Asha C. Golbert, writer for USA Today, about Nipah virus.

<https://www.usatoday.com/story/news/health/2021/09/07/what-nipah-virus-and-how-different-covid-explained/5750764001/>

1 Nov. 2021: Interviewed over canine and porcine CoV discoveries by Michaeleen Doucleff, national Public Radio.

<https://www.npr.org/sections/goatsandsoda/2021/11/05/1052961177/new-coronavirus-likely-from-dogs-infects-people-in-malaysia-and-haiti>

(Audioa available: 4-minute listen)

9 Nov. 2021. Canine coronavirus work presented in CIDRAP. <https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cidrap.umn.edu_news-2Dperspective_2021_11_news-2Dscan-2Dnov-2D09-2D2021&d=DwIGaQ&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrlEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=uIXgUyubtBg7EONYAXwQnvnYB9S0J-y5PJggetqhKIB3OKgkSKH6eAODfNAunSur&s=LLHRloihwh2rCup10LrKpUnFCSY2WMD3pydyQuS7pYw&e=>

10 Nov. 2021. Interviewed by Liz Llorente, NJ Advance Media.

## <https://www.nj.com/coronavirus/2021/11/theres-a-newly-discovered-coronavirus-in-humans-and-it-comes-from-mans-best-friend.html>

10 Nov. 2021. Interviewed by Christiana Dillard, Lead Stories. Fact Check: Claim That SARS-CoV-2 Is 'Not A Truly Isolated Human Virus' Is NOT True -- It's Been Isolated From Human Patients.

<https://leadstories.com/hoax-alert/2021/11/fact-check-sars-cov-2-is-not-a-truly-isolated-human-virus-is-not-true.html>

11 Nov. 2021. Interviewed by Jason Gale, Bloomberg News.

16 Nov. 2021. Interviewed by Grace Blair, WUFT News, Gainesville.

<https://www.wuft.org/news/2021/12/07/as-flu-season-begins-national-blood-shortages-continue/>

17 Nov. 2021. UF Health News: Coronavirus ‘spillovers’ more frequent than thought. Article in reference to our Nature article about porcine deltacoronavirus in children. <https://bit.ly/3kNWzNf>

16 Dec. 2021. PROMED News. <https://promedmail.org/> Published Date: 2021-12-14 16:44:19

Subject: PRO/AH/EDR> Porcine deltacoronavirus disease - Haiti: human 2014-2015

Archive Number: 20211214.8700240

<https://promedmail.org/promed-post/?id=8700240>

16 Feb. 2022. Aerovirology work mentioned in article by Annie Lennon: <https://www.medicalnewstoday.com/articles/household-transmission-sars-cov-2-particles-found-outside-of-self-isolation-rooms>

## **International Project Coordination**

Transported research supplies to IBMP (Institute for Biomedical Problems, State Research Center of Russia) in Moscow, Russia, and trained IBMP personnel for joint project (Latent Virus Reactivation During a 240-Day Chamber Study of SFINCSS Program) with NSBRI Immunology, Infection, and Hematology team. June 16 – 22, 1999.

Transported research supplies to the Ministry of Health (MOH), Kingdom of Saudi Arabia, and trained MOH personnel on the collection of airborne microorganisms using AGI-30 air samplers. Jeddah, Saudi Arabia, Oct. 12 – 23, 2013.

**Ceremonial duties (partial list)**

Presenter of MRI Council of Principal Scientists 2006 Science Award to Dr. Robert Hawley in recognition of outstanding contribution to the advancement of scientific knowledge. Awards banquet held at the Plaza Intercontinental Hotel, Kansas City, MO, Jan. 26, 2007.

Presenter of MRI Council of Principal Scientists 2007 Professional Award to Dr. Michael Cassler in recognition of outstanding contribution to the advancement of the research profession. Awards banquet held at the Hilton President Hotel, Kansas City, MO, Jan. 25, 2008.

Floor Marshall (Honor Guard), Master’s/Specialist Degree Commencement Ceremony, Univ. Florida, O’Connell Center, May 2, 2014.

Door Marshall (Door Sentinel), Bachelor’s Degree Commencement Ceremony, Univ. Florida, O’Connell Center, May 3, 2014.

Floor Marshall: PHHP and Nursing School Bachelor’s and Master’s Degree Commencement, Univ. Florida, O’Connell Center, April 29, 2021.

**Journal Reviewer**

*Ad hoc*, Aerosol and Air Quality Research; Archives of Pathology and Laboratory Medicine; BMC Infectious Diseases; BMC Research Notes; BMC Veterinary Research; Cancer; Cancer Research; Clinical Cancer Research; Communications Biology; Emerging Infectious Diseases; European Journal of Neurology; Frontiers in Immunology; Genes and Cancer; Head and Neck; Human Immunology; J. Clin. Microbiol.; J. Infect. Diseases; J. of Hematology and Oncology; J. Infection; J. NeuroVirology; J. of Pediatric Infectious Diseases; J. Virology; J. Wildlife Diseases; mBio; Molecular Medicine; Plos One; Plos Pathogens; Virology, Viruses, + others.

## **Organization of Scientific/Clinical Meeting**

Helped organize, set agenda, and coordinate a scientific and clinical meeting entitled: *Canine distemper virus* Meeting, held at the City of Chicago Commission on Animal Care and Control Administrative Conference Room on 18 Aug. 2004.

**Invitation/Hosting of Guest Speaker (partial list)**

Invited and hosted Dr. Andrew Pekosz for Council of Principal Scientists lunch-time seminar and day-long visit with MRI Biotechnology personnel. MRI, Jan. 29, 2007.

Invited and hosted Dr. Karen Staehling-Hampton for Council of Principal Scientists lunch-time seminar and tour of MRI. MRI, March 1, 2007.

Invited and hosted Dr. Eric Blank, Director, State of Missouri Public Health Laboratory. MRI, May 15, 2007.

Invited and hosted Drs. Juergen Richt, Bob Rowland, and Wenjun Ma, Dept. of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Manhattan, KS. MRI, Dec. 10, 2009.

**Host for client/sponsor site visit (partial list)**

Hosted Stephen Harbeson, Technology Transfer Manager from NSWDG, for DTRA *Bacillus anthracis* program, MRI, Feb. 28, 2007.

Invited and hosted Dr. Paul Olivo, CEO/President, Apath, LLC, at MRI, Dec. 6, 2007.

Invited and hosted Joseph LaStella, CEO of Green Star Products, Inc., and Sherry Grandaza (Green Star products, Inc.), at MRI, Sept. 25, 2008.

Hosted Joseph LaStella, CEO of Green Star Products, Inc., and Sherry Grandaza (Green Star products, Inc.), and Scott Smith, Managing Director, Stern Bros. & Company, at MRI, Oct. 7, 2008.

Invited and hosted Dr. Robert Huebner, Deputy Director of the Influenza Division, Biomedical Advanced Research and Development Authority (BARDA), US Department of Health and Human Services (HHS/ASPR/BARDA) (CTR), at the Univ Florida Emerging Pathogens Institute, Gainesville, Florida, 26 – 27 Jan. 2011.

# ACKNOWLEDGEMENTS (partial list)

Kang, S., and W. R. Folk. 1992. Lymphotropic papovavirus transforms hamster cells without altering the amount or stability of p53. Virol. **191**, 754-764.

Wang, X., and W. R. Folk. 1994. Termination of transcription by RNA polymerase III from wheat germ. J. Biol. Chem. **7**, 4993-5004.

Lee, T. H., S. J. Elledge, and J. S. Butel. 1995. Hepatitis B virus X protein interacts with a probable cellular DNA repair protein. J. Virol. **69**, 1107-1114.

Carbone, M., *et al*. 1996. SV40-like sequences in human bone tumors. Oncogene **13**, 527-535.

Campbell, K. S., *et al*. 1997. DnaJ/hsp40 chaperone domain of SV40 large T antigen promotes efficient viral DNA replication. Genes and Development **11**, 1098-1110.

Wang, J., and R. L. Garcea. 1998. Simian virus 40 DNA sequences in human brain and bone tumours, in: Brown F, Lewis AM (eds): Simian virus 40 (SV40): a possible human polyomavirus. Dev. Biol. Stand. Basel, Karger, vol. 94, pp. 13-21.

Xie, Y. C., *et al*. 1999. Induction of tumor antigen-specific immunity in vivo by a novel vaccinia vector encoding safety-modified simian virus 40 T antigen. J. Natl. Cancer Institute **91**, 169-175.

Butel, J. S. 2000. Viral carcinogenesis: revelation of molecular mechanisms and etiology of human disease. Carcinogenesis **21**, 405-426.

Strayer, D.S. *et al*. 2001. Generation of Recombinant SV40 Vectors for Gene Transfer. In: Methods in Molecular Biology, vol. 165: SV40 Protocols, edited by L. Raptis. Humana Press Inc. Totowa, NJ.

Acknowledged on August 13, 2004 in Chicago Animal Care and Control organization information website for role in Chicago Canine Distemper Task Force’s recommendations on the control of distemper at the ACC during a distemper outbreak in Chicago in 2004. See: <http://www.petfinder.org/shelters/IL132.html>

Application of RNA extraction kit for the extraction of total RNA from virus-infected tissues; CDV work mentioned in QIAGEN applications guide, August 8, 2005. See: <http://www1.qiagen.com/applications/AnimalAndVeterinary/JournalArticles.aspx>

Waybright, N., *et al,* 2008. Detection of human virulence signatures in H5N1; J. Virological Methods **154,** 200-205.

# [Selvaraju SB](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Selvaraju%20SB%22%5BAuthor%5D) and [Selvarangan R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Selvarangan%20R%22%5BAuthor%5D). 2010. Evaluation of three influenza A and B real-time reverse transcription-PCR assays and a new 2009 H1N1 assay for detection of influenza viruses. [J Clin Microbiol.](javascript:AL_get(this,%20'jour',%20'J%20Clin%20Microbiol.');) 48, 3870-3875.

Barr, K. L., B. D. Anderson, G. L. Heil, J. A Friary, G. C Gray, D. A Focks 2012. Dengue serotypes 1–4 exhibit unique host specificity in vitro. Virus Adaptation and Treatment. **4**, 65–73.

Pybus, Oliver, et al. 18 Feb. 2016. Zika virus in the Americas: early epidemiological and genetic findings. <http://virological.org/t/zika-virus-in-the-americas-early-epidemiological-and-genetic-findings/220>

Faria et al. 24 Mar. 2016. Zika virus in the Americas: early epidemiological and genetic findings. <http://science.sciencemag.org/content/early/2016/03/23/science.aaf5036.full>

DOI: 10.1126/science.aaf5036.

Nguyen TT, Poh MK, Low J, Kalimuddin S, Thoon KC, Anderson BD, Gray, GC. Bioaerosol Sampling in Clinical Settings: A Promising, Non-invasive Approach for Detecting Respiratory Viruses. Open Forum Infect Dis 2017;4: ofw259. <https://sites.globalhealth.duke.edu/dukeonehealth/wp-content/uploads/sites/8/2013/12/bioaerosol.pdf>

Gabriela Blohm in article *Monitoring arboviruses in Venezuela: challenges and recent findings* in the SACEMA (South African Centre for Epidemiological Modeling and Analysis) Quarterly issue (2-2018).

<http://sacemaquarterly.com/other-infectious-diseases/monitoring-arboviruses-in-venezuela-challenges-and-recent-findings.html>

Rodrigues TC *et al*. Genomic Characterization of a Novel Pegivirus Species from Free-Ranging Bottlenose Dolphins (Tursiops truncatus) in the Indian River Lagoon, Florida.

Virus Res. 2019 Jan 8. pii: S0168-1702(18)30665-8. doi: 10.1016/j.virusres.2019.01.002.

<https://www.sciencedirect.com/science/article/pii/S0168170218306658?via%3Dihub>

McGregor BL, Erram D, Acevedo C, Alto BW, Burkett-Cadena ND. Vector Competence of Culicoides sonorensis (Diptera: Ceratopogonidae) for Epizootic Hemorrhagic Disease Virus Serotype 2 Strains from Canada and Florida. Viruses. 2019 Apr 22;11(4). pii: E367. doi: 10.3390/v11040367. PMID: 31013588

<https://www.mdpi.com/1999-4915/11/4/367/htm>

Reznikov LR *et al*. Identification of antiviral antihistamines for COVID-19 repurposing. Biochem Biophys Res Commun. 2021 Jan 29;538:173-179. doi: 10.1016/j.bbrc.2020.11.095. Epub 2020 Dec 3. PMID: 33309272; PMCID: PMC7713548.

<https://www.sciencedirect.com/science/article/pii/S0006291X20321409?via%3Dihub>

Ayers JB *et al*. Kinetics and Transmissibility of a Reanimated Dengue Virus Serotype 4 Identified Originally in Wild Aedes aegypti From Florida. Front Microbiol. 2021 Sep 24;12:734903. doi: 10.3389/fmicb.2021.734903. PMID: 34630357; PMCID: PMC8500192.

<https://www.frontiersin.org/articles/10.3389/fmicb.2021.734903/full>

# Ayers JB, Xie X, Coatsworth H, Stephenson CJ, Waits CM, Shi PY, Dinglasan RR. Infection Kinetics and Transmissibility of a Reanimated Dengue Virus Serotype 4 Identified Originally in Wild *Aedes aegypti* From Florida. Front Microbiol. 2021 Sep 24;12:734903. doi: 10.3389/fmicb.2021.734903. PMID: 34630357; PMCID: PMC8500192.

# <https://doi.org/10.3389/fmicb.2021.734903>

**Reviewer Acknowledgements (partial list)**

Journal of Hematology & Oncology 2015 8:19; Published on: 4 March 2015

<http://jhoonline.biomedcentral.com/articles/10.1186/s13045-015-0107-7>

BMC Veterinary Research 2015 11:40; Published on: 19 February 2015

<http://bmcvetres.biomedcentral.com/articles/10.1186/s12917-015-0320-1>

BMC Research Notes 2016 9:162; Published on: 14 March 2016

<http://bmcresnotes.biomedcentral.com/articles/10.1186/s13104-016-1958-x>

PLOS ONE 2016 Reviewer and Editorial Board Thank You. Published: March 20, 2017

<http://dx.doi.org/10.1371/journal.pone.0174259>

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0174259&utm_source=plos&utm_medium=email&utm_campaign=one-1703-contribty>

<http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0174259.s004>

Neurological Sciences. Thank you from Editor-in-chief, A. Frederico. 30 Dec. 2017.

PLOS ONE 2017 Reviewer and Editorial Board Thank You. Published 20 March 2018.

PLoS ONE 13(3): e0194158. doi.org/10.1371/journal.pone.0194158

<https://doi.org/10.1371/journal.pone.0194158.s005> (PDF)

Emerging Infectious Diseases. Reviewer appreciation, 2017.

<https://wwwnc.cdc.gov/eid/page/reviewers>

BMC Infectious Diseases 2017 and BMC pulmonary Medicine 2017. Thank you from Rachel Burley, Publishing Director, BMC and Springer Open, 18 June 2018.

2018 Reviewer Acknowledgment List

<https://academic.oup.com/cid/article/67/12/e95/5212878?searchresult=1>

2020 CID Reviewer Recognition List

<https://academic.oup.com/cid/article/71/12/e744/6105360?searchresult=1>

1. **PRIMARY ISOLATION and CHARACTERIZATION of UNIQUE VIRUSES**

SV40-strain CPC/MEN. First published report of the isolation and cloning of a viable natural SV40 genome by lipofection of purified total human choroid plexus tumor DNA into SV40-permissive monkey kidney cells. The virus was subsequently sequenced (GenBank Accession # AF156108). Described in Lednicky *et al*., Virol. **212,** 710-717 (1995) and in Stewart *et al*., J. NeuroVirol. **4,** 182-193 (1998). Plasmid clone deposited in ATCC (ATCC # VRMC-4).

SV40-strain K661. First published report of the detection and cloning of a viable natural SV40 genome with a **protoarchetypal** regulatory region. Isolated from brain tissue of an SIV-infected Rhesus macaque, then cloned (26 May 1996) and sequenced (GenBank Accession # AF038616). Described in: Lednicky *et al*., J. Virol. **72**, 3980-3990 (1998). Plasmid clone deposited in ATCC (ATCC # 87722).

SV40-strain T302. First published report of the detection and cloning of a viable natural SV40 genome (archetypal regulatory region) which produces virus particles that grow slowly in CV-1 cells, presumably due to a unique twenty-four nucleotide deletion (encoding eight tandem amino acids) within the sequence encoding the carboxy terminus of SV40 T-ag. Isolated from the brain of an SIV-infected juvenile Rhesus macaque. Described in: Lednicky *et al*., J. Virol. **72**, 3980-3990 (1998) (ATCC # VRMC-14).

SV40-6593-2. Variant of SV40 strain 6593 that was isolated from the brain of an SIV-infected Rhesus macaque. This virus clone has a tandem complete duplication of the agnoprotein gene and is the first description of this type of viral genomic structure in SV40. The regulatory region of is SV40-6593-2 is archetypal. Described in: Lednicky *et al*., J. Virol. **72**, 3980-3990 (1998).

SV40-Baylor-1 (SV40-B1). Archetypal progenitor of SV40 laboratory strain Baylor-2 (SV40-B2). Detected in and isolated from archived viral-cell lysate. Described in: Lednicky, J. A. and J. S. Butel, J. Gen. Virol. **78,** 1697-1705 (1997). Plasmid clone deposited in ATCC (ATCC # VRMC-2).

SV40-Baylor-3 (SV40-B3). Nonarchetypal regulatory region variant of SV40-B1 (unpublished). Detected in and isolated from archived viral-cell lysates (unpublished), as well as from virus stocks rescued from artificially transformed human, mouse, and monkey cells (unpublished).

SV40-CAL-1. First documented SV40 isolation from a New World monkey outside of a laboratory setting. Described in: Virus Genes **29,** 183-190 (2004).

Additional plasmid clones (containing full-length SV40 genomes) deposited at ATCC:

1. pUCSV40-Baylor-2 (SV40-B2) [ATCC VRMC-3].
2. pUCSV40-VA45-54-1 [ATCC VRMC-5].
3. pUCSV40-VA45-54-2 [ATCC VRMC-6].
4. pUCSV40-388-1 [ATCC VRMC-9].
5. pUCSV40-388-2 [ATCC VRMC-10].
6. pUCSV40-388-16 [ATCC VRMC-11].
7. pUCSV40-A2895-1 [ATCC VRMC-12].
8. pUCSV40-A2895-2 [ATCC VRMC-13].
9. pUCSV40-T302-1 [ATCC VRMC-14].

Human polyomavirus 9 strain UF-1. Unique regulatory region structure; has multiple Sp1-binding sites, and differs by 2 amino acids in the coat protein region. Described in: Virus Genes. 2014 Dec; 49(3):490-492.

Other viruses (This list is not inclusive):

1. **JCV-JAL-1.** A JC virus strain with an archetypal regulatory region that was isolated from urine. This virus appears to be a recombinant between European and Asian strains of JC virus. Unpublished.
2. ***Canine distemper virus*.** Several isolates from dogs, coyotes, skunks, and raccoons that appear to be highly neurotropic. Some of these viruses are currently being evaluated in animal studies in a collaborative study with a vaccine manufacturer. Unpublished.
3. ***Kilham rat virus*-JAL-1*.*** A new strain from an outbreak in a rodent breeding facility. This isolate differs in nucleotide sequence but not in most protein sequences from the reference strain of *Kilham rat virus*. Unpublished.
4. ***Mouse hepatitis virus*** **(MHV)** and ***Canine coronavirus* (CaCoV)**. These coronaviruses were isolated from asymptomatic adult feral and wild mice (MHV), and from city dogs (CaCoV). They differ in nucleotide sequences from previous isolates; the isolation of these viruses from live animals is helpful for modeling coronavirus transmission and maintenance in living systems. Unpublished.
5. ***Canine influenza virus.*** Detected/Isolated in June 2004 from the blood and/or lungs of dogs from the City of Chicago. These viruses were isolated prior to the first journal reports of *Equine influenza virus* in dogs. Unpublished.
6. ***Zika virus*** (first 2 isolates from Haiti, isolated in 2015 and 2016).
7. ***Human rhinovirus C-51.*** Unique new rhinovirus (reverse genetics clone prepared).
8. Uncommon virus isolates, Lednicky laboratory: (a) ***Zika virus*** from traveler to Colombia; from Haitians, early 2014; from human breast milk, + others.
9. ***Mayaro virus*** from Haiti, 2015, (c) New **Influenza H3N2 virus** clades 3C.2a.1 and 3C.2a.2, Jan – Feb. 2017, Gainesville, FL, (d) ***Chikungunya virus*** from Haiti 2014 outbreak, and (e) ***Dengue viruses*** 1, 2, 3, and 4 from Haiti and elsewhere.
10. ***Epizootic hemorrhagic disease*** viruses 1, 2, and 6 from farmed deer of Florida. These are the first fully-sequenced EHDV from Florida. Two have been deposited at the ATCC:

Epizootic hemorrhagic disease virus 1 (ATCC® VR-1896™)

Epizootic hemorrhagic disease virus 2 (ATCC® VR-1897™)

1. ***White-tailed deer poxvirus*** isolate OV179. First isolation of the virus in Florida and complete genome sequence determination.
2. ***Madariaga virus*** strain MADV/Homo sapiens/VEN/148/2016. First detection of the virus in a person with acute infection.
3. ***Spondweni virus.*** Strain Culex quinquefasciatus/Haiti-1/2016. First detection in Culex mosquitoes of Haiti. First detection outside of Africa.
4. **SARS*-*CoV-2** – over 34 isolates from human and environmental sources.
5. **Keystone virus** – several strains from mosquitoes and one from a human.
6. **Big Cypress, Mobuck, and Yunnan orbiviruses** fromdead Florida farmed White-tailed deer.
7. **CHeRI orbiviruses 1, 2, and 3** from dead Florida farmed White-tailed deer.
8. **Blue tongue virus strains** from dead Florida farmed White-tailed deer.

# GenBank SUBMISSIONS (Primary author): >600 entries

(1) Whole genomic sequence, SV40

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Virus | Submission/Release Date | Reference |
| AF038616 | SV40-K661-1 | 15 DEC/30 DEC 97 | J. Virol. 72, 3980-3990, 1998 |
| AF156105 | SV40-VA45-54-2 | 1 JUN/13 JUN 99 | J. NeuroVirol. 4, 182-193, 1998 |
| AF156107 | SV40-VA45-54-1 | 2 JUN/14 JUN 99 | J. NeuroVirol. 4, 182-193, 1998 |
| AF156108 | SV40-CPC/MEN | 2 JUN/14 JUN 99 | J. NeuroVirol. 4, 182-193, 1998 |
| AF155359 | SV40-B-1 | 31 MAY/13 JUL 99 | J. NeuroVirol. 4, 182-193, 1998 |
| AF155358 | SV40-B-2 | 31 MAY/13 JUL 99 | J. NeuroVirol. 4, 182-193, 1998 |
| AF316139 | SV40-776\* | 25 OCT/9 DEC 00 | J Virol. 78:9306-9316, 2004 |
| AF316140 | SV40-Rh911-1 | 25 OCT/9 DEC 00 | J Virol. 78:9306-9316, 2004 |
| AF316141 | SV40-H328-1 | 25 OCT/9 DEC 00 | J Virol. 78:9306-9316, 2004 |
| AF332699 | SV40-777-5 | 30 DEC 00/7 FEB 01 | J Virol. 78:9306-9316, 2004 |
| AF332562 | SV40-777-1 | 28 DEC 00/15 MAR 01 | J Virol. 78:9306-9316, 2004 |
| AF345344 | SV40-GM00637H-1 | 2 FEB 01/3 APR 01 | J Virol. 78:9306-9316, 2004 |
| AF345345 | SV40-GM00637H-12  (defective virus) | 2 FEB 01/3 APR 01 | J Virol. 78:9306-9316, 2004 |
| AY120890 | SV40-N128-1 | 11 JUN 02/21 JUL 02 | J Virol. 78:9306-9316, 2004 |
| AY271816 | SV40-PML-1αEK | 7 Apr 03/6 May 03 | J Virol. 78:9306-9316, 2004 |
| AY271817 | SV40-777\* | 8 Apr 03/6 May 03 | J Virol. 78:9306-9316, 2004 |
| AF168994 | SV-40-T302 | 6 Feb. 04/6 Feb. 04 | J Virol. 78:9306-9316, 2004 |
| AY538779 | SV-40-CAL | 2 Feb. 04/29 Feb. 04 | Virus Genes 29, 183-190, 2004 |

(2) SV40 Regulatory Region Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | ReleaseDate | Reference |
| AF136589 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136590 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136591 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136592 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136593 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136594 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136595 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136596 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136597 | 23 MAR 1999 | 19 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF169325 | 15 JUL 1999 | 29 AUG 1999 | J. Virol. **72**, 3980-3990, 1998. |
| AF169488 | 16 JUL 1999 | 29 AUG 1999 | J. Virol. **72**, 3980-3990, 1998. |
| AF169489 | 16 JUL 1999 | 29 AUG 1999 | J. Virol. **72**, 3980-3990, 1998. |
| AF169193 | 14 JUL 1999 | 18 SEP 1999 | J. Virol. **72**, 3980-3990, 1998. |
| AF169194 | 14 JUL 1999 | 18 SEP 1999 | J. Virol. **72**, 3980-3990, 1998. |
| AF289507 | 25 JUL 2000 | 24 AUG 2000 | J Virol. 78:9306-9316, 2004 |
| AY527381 | 15 JAN 2004 | 22 FEB 2004 | Virus Genes 29, 183-190, 2004 |

(3) SV40 *VP1* Subgenomic Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | ReleaseDate | Reference |
| AF136754 | 24 MAR 1999 | 26 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136755 | 24 MAR 1999 | 26 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136756 | 24 MAR 1999 | 26 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136757 | 24 MAR 1999 | 26 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136758 | 24 MAR 1999 | 26 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF168999 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998. |
| AY527383 | 15 JAN 2004 | 22 FEB 2004 | Virus Genes 29, 183-190, 2004 |

(4) SV40 *T-Antigen* Carboxy-Terminus Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | ReleaseDate | Reference |
| AF135999 | 19 MAR 1999 | 31 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136000 | 19 MAR 1999 | 31 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136001 | 19 MAR 1999 | 31 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136002 | 19 MAR 1999 | 31 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF136003 | 19 MAR 1999 | 31 MAY 1999 | Virology **212**, 710-717, 1995. |
| AF168993 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998. |
| AF168994 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998.  **Updated:** 6 Feb. 2004: To: Full-genomic sequence |
| AF168995 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998. |
| AF168996 | 14 JUL 1999 | 22 SEP 1999 | Int. J. Cancer **72,** 791-800, 1997. |
| AF168997 | 14 JUL 1999 | 22 SEP 1999 | Int. J. Cancer **72,** 791-800, 1997. |
| AF168998 | 14 JUL 1999 | 22 SEP 1999 | Int. J. Cancer **72,** 791-800, 1997. |
| AF169000 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998. |
| AF169001 | 14 JUL 1999 | 22 SEP 1999 | J. Virol. **72,** 3980-3990, 1998. |
| AY527382 | 15 JAN 2004 | 22 FEB 2004 | Virus Genes 29, 183-190, 2004 |

(5) Regulatory region, artificial SV40 constructs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | SV40 construct | Submission Date | Release  Date | Reference |
| AY566704 | SV21-0 | 5 Mar 2004 | 3 April 2004 | J. Virol. **66,** 6379-6390, 1992. |
| AY566705 | SVGC3,5-N | 5 Mar 2004 | 3 April 2004 | J. Virol. **66,** 6379-6390, 1992. |
| AY566706 | SVGC3,5-R | 5 Mar 2004 | 3 April 2004 | J. Virol. **66,** 6379-6390, 1992. |
| AY566707 | SVGC3,5-Rdup1 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566708 | SVGC3,5-Rdup2 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566709 | SVSphGC3,5-N | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566710 | SVSphGC3,5-Ndup1 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566711 | SVSphGC3,5-Ndup2 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566712 | SVSphGC3,5-Ndup3 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566713 | SV2GC2RN | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566714 | SVSphGC3,5-Ndup4 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566715 | SV2GC3,5-N | 7 Mar 2004 | 3 April 2004 | J. Virol. **66,** 6379-6390, 1992. |
| AY566716 | SV2GC3,5-R | 7 Mar 2004 | 3 April 2004 | J. Virol. **66,** 6379-6390, 1992. |
| AY566717 | SVSph21-0 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566718 | SVGC3,5-Ndup1 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566719 | SVGC3,5-Ndup2 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY566720 | SVGC3,5-Ndup3 | 7 Mar 2004 | 3 April 2004 | Unpublished |
| AY569317 | SV2Ap1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY569318 | SV4Ap1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566719 | SV2Ap1-R | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566720 | SV4Ap1-R | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566721 | SVJC-BK-GA-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566722 | SVBPV-1 | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566723 | SVPEB-1 | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566724 | SVNF-kB1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566725 | SVNF1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566726 | SV2NF1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566727 | SV4NF1-N | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566728 | SVNF1-R | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566729 | SV2NF1-R | 8 Mar 2004 | 3 April 2004 | Unpublished |
| AY566730 | SVMutGC3,5-N | 8 Mar 2004 | 3 April 2004 | Unpublished |

(6) *Canine distemper virus* *P*-gene sub-genomic sequence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | CDV strain | Submission Date | ReleaseDate | Reference |
| AY264266 | 01-2690 | 28 Mar 2003 | 3 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY263373 | 98-2655 | 24 Apr 2003 | 12 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY263374 | 00-2601 | 27 Mar 2003 | 12 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286480 | Lederle | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286481 | Snyder Hill | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286482 | 98-2645 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286483 | 98-2646 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286484 | 98-2654-1 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286485 | 98-2654-2 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286486 | 98-2666-1 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286487 | 98-2666-2 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY286488 | 01-2689 | 29 April 2003 | 21 May 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY288308 | 01-2663 | 30 April 2003 | 16 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY288309 | 01-2676 | 30 April 2003 | 16 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY288310 | 01-2641-1 | 30 April 2003 | 16 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY321298 | 01-2641-2 | 11 June 2003 | 14 July 2003 | J. Virol. Meth. 118, 147-157, 2004. |

(7) *Canine distemper virus* *F*-gene sub-genomic sequence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | CDV strain | Submission Date | ReleaseDate | Reference |
| AY289612 | 98-2645,-46,-54,-55,-66 | 1 May 2003 | 2 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY289613 | 00-2601 | 1 May 2003 | 2 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY289614 | 01-2641 | 1 May 2003 | 2 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY289615 | 01-2663,-76,-89,-90 | 1 May 2003 | 2 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY288311 | Lederle | 19 May 2003 | 16 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| AY288312 | Snyder Hill | 1 May 2003 | 16 June 2003 | J. Virol. Meth. 118, 147-157, 2004. |
| EU143735 | Onderstepoort | 9 Sept. 2007 | 2 Oct. 2007 | Unpublished |

(8) *Canine distemper virus* *F*-gene complete cDNA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | CDV strain | Submission Date | ReleaseDate | Reference |
| AY395984 | 00-2601 | 22 Sept. 2003 | 15 Oct. 2003 | J. Virol. Meth. 118, 147-157, 2004 |

(9) *Canine distemper virus* *H*-gene complete cDNA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | CDV strain | Submission Date | ReleaseDate | Reference |
| AY438597 | 00-2601 | 15 Oct. 2003 | 15 Nov. 2003 | J. Virol. Meth. 118, 147-157, 2004 |
| AY465925 | 01-2690 | 14 Nov. 2003 | 16 Dec. 2003 | J. Virol. Meth. 118, 147-157, 2004 |
| AY498692 | 01-2676 | 10 Dec. 2003 | 13 Jan. 2003 | J. Virol. Meth. 118, 147-157, 2004 |
| AY526496 | 01-2641 | 14 Jan. 2004 | 18 Feb. 2004 | J. Virol. Meth. 118, 147-157, 2004 |
| AY548109 | 98-2655 | 13 Feb. 2004 | 13 Mar. 2004 | Virol. J. 1, 2, 2004 |
| AY548110 | 98-2666-1 | 13 Feb. 2004 | 13 Mar. 2004 | Virol. J. 1, 2, 2004 |
| AY548111 | 98-2666-2 | 13 Feb. 2004 | 13 Mar. 2004 | Virol. J. 1, 2, 2004 |

(10) Entire genomic sequence, *Canine distemper virus*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | CDV strain | Submission Date | ReleaseDate | Reference |
| AY443350 | 00-2601 | 20 Oct. 2003 | 17 Dec. 2003 | J. Virol. Meth. 118, 147-157, 2004 |
| AY445077 | 98-2645 | 22 Oct. 2003 | 19 Nov. 2003 | Virol. J. 1, 2, 2004 |
| AY466011 | 98-2654 | 14 Nov. 2003 | 16 Dec. 2003 | J. Virol. Meth. 118, 147-157, 2004 |
| AY542312 | 98-2646 | 5 Feb. 2004 | 7 Mar. 2004 | Virol. J. 1, 2, 2004 |
| AY649446 | 01-2689 | 9 June 2004 | 15 Aug.2004 | Unpublished |
| EU716337 | 164071 | 13 May 2008 | 9 June 2008 | Unpublished |
| KJ123771 | 171391-513 | 08 Jan-2014 | 23 Mar2014 | Unpublished |

(11) *Human Parainfluenza virus* 4A *F*-gene sub-genomic sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AY286479 | 29 April 2003 | 21 May 2003 | Arch. Path. Lab.Med. 128, 640-644, 2004 |

(12) Reovirus sp. 02-11 *major core protein* gene sub-genomic sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AY494858 | 3 Dec. 2003 | 8 Jan. 2004 | Comparative Medicine 54, 410-417, 2004 |

(13) Reovirus sp. 02-11 *lambda 3 protein* gene sub-genomic sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AY496276 | 5 Dec. 2003 | 8 Jan. 2004 | Comparative Medicine54, 410-417, 2004 |

# (14) Human Adenovirus (Ad) *hexon protein* gene sub-genomic sequence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Ad type | Submission Date | Release Date | Reference |
| AY628143 | Ad 2 | 17-MAY-2004 | 28 June 2004 | Unpublished |
| AY628144 | Ad 2 | 18-MAY-2004 | 28 June 2004 | Unpublished |
| AY628145 | Ad 2 | 18-MAY-2004 | 28 June 2004 | Unpublished |
| AY628146 | Ad 2 | 18-MAY-2004 | 28 June 2004 | Unpublished |
| AY628147 | Ad 2 | 18-MAY-2004 | 28 June 2004 | Unpublished |
| AY628141 | Ad 5 | 17-MAY-2004 | 28 June 2004 | Unpublished |
| AY628142 | Ad 5 | 17-MAY-2004 | 28 June 2004 | Unpublished |
| AY628148 | Ad 7 | 18-MAY-2004 | 28 June 2004 | Unpublished |
| AY628149 | Ad 7 | 18-MAY-2004 | 28 June 2004 | Unpublished |

(15) Mouse Adenovirus *hexon protein* gene sub-genomic sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AY618467 | 5 MAY 2004 | 7 June 2004 | Unpublished |

(16) Coxsackievirus B 5’-Nontranslated Region Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AY626235 | 14 MAY 2004 | 15 June 2004 | Unpublished |
| AY626236 | 14 MAY 2004 | 15 June 2004 | Unpublished |

(17) Murine Polyomavirus Regulatory Region Sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| EU723244 | 15 May 2008 | 11 June 2008 | Unpublished |

(18) Simian Lymphotropic Polyomavirus Regulatory Region Sequence

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| JQ408695 | 12 JAN 2012 | 23 APR 2012 | J. Clin. Microbiol. **40,** 1056-1059 (2002) |

(19) Entire genomic sequence, *Human parainfluenza 4B virus* strain 04-13

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| JQ241176 | 5 DEC 2011 | 24 FEB 2012 | Scientifica, 2012; e871201 |

(20) Entire genomic sequence, *JC polyomavirus* strain JAL

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| JX273163 | 4 July 2012 | 12 Sept. 2012 | Unpublished |

(21) Entire genomic sequence, Human rhinovirus C-51

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| JX291115 | 9 July 2012 | 19 Sept. 2012 | Unpublished |

(22) Entire genomic sequence, *Human Coronavirus* NL63

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| JX504050 | 17 Aug. 2012 | 25 Oct. 2012 | RPTEC/2004 | Virol J. 2013; 10: 213 |
| KT266906.1 | 9 July 2015 | 4 Aug. 2015 | Haiti-1/2015 | Am J Trop Med Hyg. 2017 Jan 11;96(1):144-147. |
| KT381875 | 11 Aug. 2015 | 16 Oct. 2015 | UF-1/2015 |
| KU521535.1 | 11 Jan. 2016 | 25 July 2016 | UF-2/2015 |

(23) Influenza B virus hemagglutinin (HA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF018235.1 | 6 May 2013 | 6 Jun 2013 | Unpublished |

(24) Influenza B virus segment 6 NB protein (NB) and neuraminidase (NA) genes

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF028393.1 | 10 May 2013 | 11 Jun 2013 | Unpublished |

(25) Influenza A virus (H3N2) segment 4 hemagglutinin (HA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF061021.1 | 20 May 2013 | 15 Jun 2013 | Influenza Res and Treat, 2013, e656825 |
| KF142471.1 | 22 May 2013 | 15 Jun 2013 |

(26) Influenza A virus (H3N2) segment 6 neuraminidase (NA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF061022.1 | 20 May 2013 | 15 Jun 2013 | Influenza Res and Treat, 2013, e656825 |

(27) Human polyomavirus 9 strain UF-1, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KC831440 | 26 March 2013 | 23 Jun 2013 | Virus Genes. 2014 Dec;49(3):490-2. |

(28) Influenza A virus pdm09 (H1N1) segment 4 hemagglutinin (HA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ195788.1 | 27 Jan 2014 | 23 Feb 2014 | EID 2015; 21:664-7 |
| KJ645780.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645781.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645782.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645784.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645785.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |

(29) Influenza A virus pdm09(H1N1) segment 6 neuraminidase (NA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ195789.1 | 27 Jan 2014 | 23 Feb 2014 | EID 2015; 21:664-7 |
| KJ645786.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645787.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645788.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645789.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645790.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |

(30) Influenza A virus pdm09(H1N1) segment 7 matrix proteins 1 and 2 (M1 and M2) genes

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ195790.1 | 27 Jan 2014 | 23 Feb 2014 | EID 2015; 21:664-7 |
| KJ645774.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645775.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645776.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645777.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645778.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |
| KJ645779.1 | 1 April 2014 | 26 April 2014 | EID 2015; 21:664-7 |

(31) Influenza A virus (H3N2) segment 4 hemagglutinin (HA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ439217.1 | 12 Feb 2014 | 9 Mar 2014 | Unpublished |

(32) Influenza A virus (H3N2) segment 6 neuraminidase (NA) gene

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ439218.1 | 12 Feb 2014 | 9 Mar 2014 | Unpublished |

(33) Influenza A virus H3N2) segment 7 matrix proteins 1 and 2 (M1 and M2) genes

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ439219.1 | 12 Feb 2014 | 9 Mar 2014 | Unpublished |

(34) Canine distemper virus strain CDV UF 12-1 large protein (L) gene, complete cds.

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KJ147057 | 14-Jan-2014 | 01-Apr-2014 | Unpublished |

(35) Influenza A /Gainesville/05/2014 pdm(H1N1) complete genome including 3’ and 5’ UTR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KJ195773.1 | NEP, NS1 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645772.1 | M1, M2 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645771.1 | NA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645770.1 | NP | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645769.1 | HA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645768.1 | PA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645767.1 | PB1 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645766.1 | PB2 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |

(36) Influenza A /Gainesville/08/2013 pdm(H1N1) complete genome including 3’ and 5’ UTR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KJ195773.1 | NEP, NS1 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645772.1 | M1, M2 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645771.1 | NA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645770.1 | NP | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645769.1 | HA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645768.1 | PA | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645767.1 | PB1 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |
| KJ645766.1 | PB2 | 24 Mar 2014 | 26 April 2014 | EID. 2015 21:664-667 |

(37) Influenza A /Gainesville/05/2014 to A/Gainesville/09/2014 (H3N2) [5 different viruses]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KP153354.1 to -358.1 | NA | 17 Nov 2014 | 13 Dec 2014 | EID.2016 22:121-123 |
| KP153349.1 to -352.1 | HA | 17 Nov 2014 | 13 Dec 2014 |
| KP126913.1 to -917.1 | M1, M2 | 9 Nov 2014 | 13 Dec 2014 |

(38) Complete genome, Enterovirus D68

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KT266905.1 | 9 July 2015 | 4 Aug. 2015 | EV-D68/Haiti/1/2014 | PID Journal Sep;35(9):1048-50. |
| KT279761.1 | 8 Jan. 2015 | 2 Feb. 2015 | EV-D68/environment/  Gainesville/1/2015 | Genome Announc. 2016 Jun 16;4(3). |

(39) Complete genome, Dengue virus 4 Haiti/0324/2014

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KT276273 | 10 July 2015 | 16 Oct. 2015 | Haiti/0324/2014 | Unpublished |
| MK514144 | 28 Jan 2019 | 10 April 2019 | Haiti-0075/2015 | Unpublished |

(40) Complete genome, Dengue virus 1 strain Haiti/1207/2014

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KT279761 | 13 July 2015 | 16 Oct. 2015 | Genome Announc. June 2017 vol. 5 no. 22 e00331-17. |

(41) Influenza A /environment/Gainesville/08/2015 (H1N1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KU509999.1 | HA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510000.1 | NA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510001.1 | M1, M2 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510002.1 | PB1 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510003.1 | PB2 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510004.1 | PA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510005.1 | NP | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU510006.1 | NEP, NS1 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |

# (42) Zika virus (complete genome)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| KU509998.1 | Haiti/1225/2014 | 10 Jan. 2016 | 2 Feb. 2016 | PLoS Negl Trop Dis 10 (4), E0004687 (2016) |
| KX051563.1 | Haiti/1/2016 | 11 Apr. 2016 | 19 Apr. 2016 | Clin Infect Dis. 2017 Jan 1;64(1):72-75 |
| KX247646.1 | Homo sapiens/COL/UF-1/2016 | 09 Feb. 2016 | 17 May 2016 | JMM Case Rep. 2016 Dec 19;3(6):e00507 |
| KX702400.1 | Homo sapiens/VEN/UF-1/2016 | 15 Aug. 2016 | 31 Aug. 2016 | Genome Announc. 2017 Jun 1;5(22). pii: e00331-17 |
| KX702400.1 | Homo sapiens/VEN/UF-2/2016 | 24 Sept. 2016 | 1 Oct. 2016 |
| KY415986.1 | Haiti/0029/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| KY415987.1 | Haiti/0033/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| KY415988.1 | Haiti/0054/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| KY415989.1 | Haiti/0074/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| KY415990.1 | Haiti/0036/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| KY415991.1 | Haiti/0097/2014 | 30 Dec 2016 | 7 Jun 2017 | Unpublished |
| MF384325.1 | mosquito/Haiti/1682/2016 | 26 Jun 2017 | 3 Jul 2017 | Unpublished |
| MF783072.1 | mosquito/Haiti/1855/2016 | 29 Aug. 2017 | 31 Oct 2018 | Unpublished |
| MF783073.1 | mosquito/Haiti/1919/2016 | 29 Aug. 2017 | 31 Oct 2018 | Unpublished |
| MN566104.1 | Haiti/0011/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN566105.1 | Haiti/0375/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN566106.1 | Haiti/0395/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN566107.1 | Haiti/0165/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN566108.1 | Haiti/0866/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN577543.1 | Haiti/1327/2014 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| MN577544.1 | Haiti/0148/2016 | 15 Oct. 2019 | 11 Nov 2019 | Unpublished |
| OK571913.1 | Haiti/0728/2014 | 19 Oct. 2021 | 9 Nov. 2021 | Unpublished |
| OL450364 | Haiti/1238/2015 | 10 Nov 2021 | 25 Dec 2021 | Unpublished |
| OL450365 | Haiti/0478/2015 | 10 Nov 2021 | 25 Dec 2021 | Unpublished |
| OL450366 | Haiti/1332/2015 | 10 Nov 2021 | 25 Dec 2021 | Unpublished |

(43) Influenza A/Gainesville/01/2015 (H1N1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KU517808.1 | HA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517810.1 | NA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517811.1 | M1, M2 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517806.1 | PB1 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517805.1 | PB2 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517807.1 | PA | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517809.1 | NP | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |
| KU517812.1 | NEP, NS1 | 8 Jan. 2106 | 2 Feb. 2016 | Unpublished |

(44) Influenza A/Gainesville/01/2016 (H1N1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KU758919.1 | HA | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758917.1 | NA | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758916.1 | M1, M2 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758921.1 | PB1 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758922.1 | PB2 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758920.1 | PA | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758918.1 | NP | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU758915.1 | NEP, NS1 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |

(45) Influenza A /Gainesville/02/2016 to A/Gainesville/04/2016 (H1N1) [3 different viruses]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Genes | Submission Date | Release Date | Reference |
| KU758923.1-…8925.1 | HA, NA, M1, M2 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU762416.1-…2416.3 | HA, NA, M1, M2 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |
| KU762417.1-…2419.1 | HA, NA, M1, M2 | 24 Feb 2016 | 16 MAR. 2016 | Unpublished |

(46) Partial sequences, *Zika virus*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| GenBank # | Isolate | Gene | Submission Date | Release Date | Reference |
| KX059013.1 | 1227/2014 | NS5 | 12 Apr. 2016 | 12 Apr. 2016 | PLoS Negl Trop Dis 10 (4), E0004687 (2016) |
| KX059014.1 | 1230/2014 | NS5 | 12 Apr. 2016 | 12 Apr. 2016 |
| KX062044.1 | 1227/2014 | Envelope | 12 Apr. 2016 | 14 Apr. 2016 |
| KX062044.1 | 1230/2014 | Envelope | 12 Apr. 2016 | 14 Apr. 2016 |

(47) Influenza A/Gainesville/01/2016 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KX133407.1 | PB1 | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133408.1 | PB2 | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133409.1 | PA | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133410.1 | HA | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133411.1 | NP | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133412.1 | NA | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133413.1 | M1, M2 | 18 Mar. 2016 | 18 May 2016 | Unpublished |
| KX133414.1 | NEP, NS1 | 18 Mar. 2016 | 18 May 2016 | Unpublished |

(48) Influenza B/Gainesville/01/2016

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KX169266.1 | PB2 | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169267.1 | PB1 | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169268.1 | PA | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169269.1 | HA | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169270.1 | NP | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169271.1 | NB, NA | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169272.1 | M1, BM2 | 20 Mar. 2016 | 25 May 2016 | Unpublished |
| KX169273.1 | NEP, NS1 | 20 Mar. 2016 | 25 May 2016 | Unpublished |

(49) *Mayaro virus* Homo sapiens/Haiti-1/2014, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KX496990.1 | 5 July 2016 | 9 August 2016 | EID 2016; 22(11), 2000 – 2002. |

(50) *Chikungunya virus*, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KX496989.1 | 1 July 2016 | 9 August 2016 | Homo sapiens/COL/UF-1/2016 | JMM Case Reports , 2016 3 |
| KX702401.1 | 15 Aug 2016 | 24 Aug 2016 | Homo sapiens/Haiti-1/2016 | genomeA.00148-17, 2017 |
| KX702402.1 | 15 Aug 2016 | 24 Aug 2016 | Homo sapiens/Haiti-2/2016 |
| KY415978.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-3/2016 |
| KY415979.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-4/2016 |
| KY415980.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-5/2016 |
| KY415981.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-6/2016 |
| KY415982.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-7/2016 |
| KY415983.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-8/2016 |
| KY415984.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-9/2016 |
| KY415985.1 | 30 Dec. 2016 | 28 Jan. 2017 | Homo sapiens/Haiti-10/2016 |
| MG000876.1 | 25 Sept 2017 | 11 Mar 2018 | Aedes albopictus/Haiti-1/2016 | White et al. PLoS One. 2018 May 10;13(5):e0196857. |
| MG967666.1 | 17 Feb. 2018 | 12 Sept. 2018 | Homo sapiens/Haiti-11/2014 (has 177 nt insert at 3’ UTR) | Unpublished |

(51) Influenza A/environment/Gainesville/01/2016 to A/environment/Gainesville/04/2016 (H1N1) [4 different viruses]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene(s) | Submission Date | Release Date | Reference |
| KX398060.1-…063.1 | HA | 15 Jun 2016 | 5 Jul 2016 | mSphere 2:e00251-17. https://doi.org/10.1128/mSphere.00251-17. |
| KX398064.1-…067.1 | NA | 15 Jun 2016 | 5 Jul 2016 |
| KX398068.1-…071.1 | M1, M2 | 15 Jun 2016 | 5 Jul 2016 |

(52) Influenza A/environment/Gainesville/01/2016 to A/environment/Gainesville/03/2016 (H3N2) [3 different viruses]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene(s) | Submission Date | Release Date | Reference |
| KX398081.1-…083.1 | HA | 15 Jun 2016 | 5 Jul 2016 | mSphere 2:e00251-17. https://doi.org/10.1128/mSphere.00251-17. |
| KX398084.1-…086.1 | NA | 15 Jun 2016 | 5 Jul 2016 |
| KX398087.1-…089.1 | M1, M2 | 15 Jun 2016 | 5 Jul 2016 |

(53) Influenza B/environment/Gainesville/01/2016 to B/environment/Gainesville/03/2016

[3 different viruses]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene(s) | Submission Date | Release Date | Reference |
| KX398072.1-…074.1 | HA | 15 Jun 2016 | 5 Jul 2016 | mSphere 2:e00251-17. https://doi.org/10.1128/mSphere.00251-17. |
| KX398075.1-…077.1 | NB | 15 Jun 2016 | 5 Jul 2016 |
| KX398078.1-…080.1 | Matrix | 15 Jun 2016 | 5 Jul 2016 |

(54) Complete genome, Dengue virus 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KX702403 | 15 Aug 2016 | 24 Aug 2016 | Homo sapiens/Haiti-1/2016 | Clin Infect Dis. 2016 Sep 29. pii: ciw667 |
| KX702404 | 15 Aug 2016 | 24 Aug 2016 | Homo sapiens/  UF-1/Gainesville/2016 | Genome Announc. 2017 Aug 3;5(31). pii: e00782-17. |
| MH215277.1 | 16 Apr 2018 | 13 May 2018 | Homo sapiens/VEN-HUPAZ-1/2016 | unpublished |

(55) Partial sequence, bat alphacoronavirus RNA-dependent RNA polymerase protein (RDRP) gene

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KX663833.1 | 3 Aug 2016 | 3 Dec 2016 | UF-FWC/2016/3 | Diseases 2017, 5, 7. |

# (56) Human respiratory syncytial virus non-structural protein 2 (NS2) and nucleoprotein (N) genes, partial sequence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KX431988.1 | 22 June 2016 | 3 Dec 2016 | RSVA/Environmental Air/Gainesville/UF-1/2016 | mSphere 2:e00251-17. https://doi.org/10.1128/mSphere.00251-17. |
| KX431989.1 | 22 June 2016 | 3 Dec 2016 | RSVA/Environmental  Air/Gainesville/UF-2/2016 |
| KX431990.1 | 22 June 2016 | 3 Dec 2016 | RSVA/EnvironmentalAir/Gainesville/UF-3/2016 |
| KX431991.1 | 22 June 2016 | 3 Dec 2016 | RSVA/Environmental Air/Gainesville/UF-4/2016 |

(57) Influenza A virus (A/environment/Gainesville/12/2016 (H1N1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY681470.1 | PB2 | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681471.1 | PB1 | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681472.1 | PA | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681473.1 | HA | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681474.1 | NP | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681475.1 | NB, NA | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681476.1 | M1, BM2 | 1 Mar 2107 | 25 Mar 2017 | Unpublished |
| KY681477.1 | NEP, NS1 | 1 Mar 2107 | 25 Mar 2017 | Unpublished |

(58) Influenza A/Gainesville/10/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697316.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697315.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697317.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697318.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697319.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697320.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697321.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697322.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(59) Influenza A/Gainesville/13/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697324.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697323.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697325.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697326.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697327.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697328.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697329.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697330.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(60) Influenza A/Gainesville/14/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697332.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697331.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697333.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697334.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697335.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697336.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697337.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697338.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(61) Influenza A/Gainesville/01/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697340.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697339.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697341.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697342.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697343.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697344.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697345.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697346.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(62) Influenza A/Gainesville/02/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697348.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697347.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697349.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697350.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697351.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697352.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697353.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697354.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(63) Influenza A/Gainesville/10/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697356.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697355.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697357.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697358.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697359.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697360.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697361.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697362.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(64) Influenza A/Gainesville/11/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697364.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697363.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697365.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697366.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697367.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697368.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697369.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697370.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(65) Influenza A/Gainesville/12/2017 (H3N2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| KY697372.1 | PB1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697371.1 | PB2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697373.1 | PA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697374.1 | HA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697375.1 | NP | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697376.1 | NA | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697377.1 | M1, M2 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |
| KY697378.1 | NEP, NS1 | 04 Mar. 2017 | 3 Apr. 2017 | Unpublished |

(66) Complete genome, Human coronavirus 229E

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| KY996417.1 | 26 Apr 2017 | 13 Jun 2017 | 229E/UF-1/2016 | Am J Infect Control. 2017 Sep 8. pii: S0196-6553(17)30901-X |
| MF542265 | 25 July 2017 | 14 Aug. 2017 | 229E/Haiti-1/2016 | Genome Announc. 2017 Nov 22;5(47). pii: e01313-17 |

(67) *Mayaro virus* Homo sapiens/Haiti-1/2015, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KX496990.1 | 5 Jul. 2016 | 4 Nov. 2016 | Lednicky et al.  Emerg Infect Dis. 2016 Nov;22(11):2000-2002. doi: 10.3201/eid2211.161015. |

(68) *Madariaga virus* strain MADV/Homo sapiens/VEN/148/2016, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| MG570148 | 21 NOV. 2017 | 17 Jan. 2018 | Blohm et al.  [Clin Infect Dis.](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lednicky+Madariaga+Venezuela) 2018 Aug 1;67(4):619-621. doi: 10.1093/cid/ciy224.. |

(69) Influenza B virusesstrains Gainesville 01-04, 2014, complete genomes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | INFV B strain | Submission Date | Release Date | Reference |
| MG925357 to MG925364 | B/GNVL/01/2014 | 6 Feb. 2018 | 14 Feb. 2018 | Unpublished |
| MG925821 to MG925828 | B/GNVL/02/2014 | 6 Feb. 2018 | 14 Feb. 2018 | Unpublished |
| MG926543 to MG 926550 | B/GNVL/03/2014 | 6 Feb. 2018 | 14 Feb. 2018 | Unpublished |
| MG926846 to MG926853 | B/GNVL/04/2014 | 6 Feb. 2018 | 14 Feb. 2018 | Unpublished |

(70) Influenza B virusesstrains Gainesville 1-15, 2017, complete genomes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | INFV B strain | Submission Date | Release Date | Reference |
| MG920168 to MG920175 | B/GNVL/1/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920220  to MG920227 | B/GNVL/2/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920337  to MG920344 | B/GNVL/3/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920492 to MG920499 | B/GNVL/4/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920548 to MG920555 | B/GNVL/5/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920837 to MG920844 | B/GNVL/6/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG920848 to MG920855 | B/GNVL/7/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921148 to MG921155 | B/GNVL/8/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921158 to MG921165 | B/GNVL/9/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921211 to  MG921218 | B/GNVL/10/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921315 to MG921322 | B/GNVL/11/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921324 to MG921324 | B/GNVL/12/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921607 to MG921570 | B/GNVL/13/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG921607 to MG921614 | B/GNVL/14/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |
| MG919965 to  MG919972 | B/GNVL/15/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |

(71) Influenza B virus strain B/Environment\*/Gainesville/01/2017, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | strain | Submission Date | Release Date | Reference |
| MG920795ToMG920802 | B/environment/GNVL/01/2017 | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |

# \*”environment” left out of name by NCBI.

(72) Influenza AH3N2 virusesstrains Gainesville 13-19 2017, complete genomes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | H3N2 2017 strain | Submission Date | Release Date | Reference |
| MG928450  to MG928457 | A/Gainesville/13/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928458  to MG928465 | A/Gainesville/14/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928466  to MG928473 | A/Gainesville/15/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928442  to MG928449 | A/Gainesville/16/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928474  to MG928481 | A/Gainesville/17/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928482  to MG928489 | A/Gainesville/18/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |
| MG928490  to MG928497 | A/Gainesville/19/2017 | 10 Feb. 2018 | 15 Feb. 2018 | Unpublished |

(73) Influenza virus A/swine/Gainesville/1/2017(H3N2), complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MG928428ToMG928435 | A/swine/Florida/1/2017(H3N2) | 8 Feb. 2018 | 13 Feb. 2018 | Unpublished |

(74) Spondweni virus strain Culex quinquefasciatus/Haiti-1/2016, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MG182017.1 | Culex quinquefasciatus/Haiti-1/2016 | 9 Oct 2017 | 19 Feb 2018 | White et al.[Emerg Infect Dis.](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lednicky+Spondweni) 2018 Sep;24(9):1765-1767. doi: 10.3201/eid2409.171957. |

(75) Chikungunya virus strain Culex quinquefasciatus/Haiti-1/2016, nearly complete genome,

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| MG000875.1 | 25 Sept 2017 | 11 Mar 2018 | Culex quinquefasciatus/Haiti-1/2016 | White et al. PLoS One. 2018 May 10;13(5):e0196857. |

# (76) Rhinovirus A strain RV-A21/environment/UF-1/2014, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MF043119.1 | RV-A21/environment/UF-1/2014 | 3 May 2017 | 12 Mar 2018 | Unpublished |

# (77) Trichodysplasia spinulosa-associated polyomavirus strain TSPyV/UF-1, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MF094821.1 | Trichodysplasia spinulosa-associated polyomavirus strainTSPyV/UF-1 | 11 May 2017 | 12 Mar 2018 | Unpublished |

# (78) WU Polyomavirus strain HPyV4/UF-1/2016, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MF094822 | WU Polyomavirus strain HPyV4/UF-1/2016 | 11 May 2017 | 12 Mar 2018 | Unpublished |

(79) Keystone virus strain KEYV/Homo sapiens/Gainesville-1/2016

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Segment | Submission Date | Release Date | Reference |
| MH016784.1 | Large (RDRP) | 1 Mar 2018 | 22 May 2018 | Lednicky et al.  [Clin Infect Dis.](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lednicky+Keystone) 2019 Jan 1;68(1):143-145. doi: 10.1093/cid/ciy485 |
| MH016785.1 | Medium (polyprotein) |
| MH016786.1 | Small (N & NSs genes) |

(80) Madariaga virus, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MH359230.1 | Homo sapiens/Haiti-1668/2015 | 14 May 2018 | 12 Sept. 2018 | Lednicky et al.[PLoS Negl Trop Dis.](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lednicky+Madariaga+Haiti) 2019 Jan 10;13(1):e0006972. doi: 10.1371/journal.pntd.0006972. eCollection 2019 Jan. |
| MH359231.1 | Homo sapiens/Haiti-1809/2016 |
| MH359232.1 | Homo sapiens/Haiti-1628/2016 |
| MH359233.1 | Homo sapiens/Haiti-1901/2016 |

(81) *Mayaro virus* Homo sapiens/Venezuela-1/2016, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| MK288026.1 | 10 Dec. 2018 | 22 Jun 2019 | In press |

(82) *Mayaro virus* complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Strain | Submission Date | Release Date | Reference |
| MN138459.1 | Homo sapiens/Haiti-0729/2014 | 04 Jul. 2019 | 13 Aug. 2019 | Int J Infect Dis. 2019 Aug 2. pii: S1201-9712(19)30317-0. doi: 10.1016/j.ijid.2019.07.031 |
| MK837006.1 | Homo sapiens/Haiti-0380/2014 | 24 April 2019 | 17 Aug. 2019 |
| MK837007.1 | Homo sapiens/Haiti-0737/2014 | 24 April 2019 | 17 Aug. 2019 |

(83) *SARS-CoV-2* complete or nearly complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Strain | Reference |
| MT295464.1 | 6 Apr 2020 | 6 Apr 2020 | Human/UF-1 | Unpublished |
| MT295465.1 | 6 Apr 2020 | 6 Apr 2020 | Human/UF-2 | Unpublished |
| MT324684 | 10 Apr 2020 | 13 Apr 2020 | Environment/UF-3 | https://aaqr.org/articles/aaqr-20-05-covid-0202 |
| MT422806.1 | 2 May 2020 | 4 May 2020 | Human/UF-4 | Unpublished |
| MT422807.1 | 2 May 2020 | 4 May 2020 | Human/UF-5 | Unpublished |
| MW047085.1 | 13 Sept. 2020 | 29 Sept. 2020 | UF-6 | Unpublished |
| MW261770 | 16 Nov. 2020 | 16 Nov. 2020 | UF-7 | Unpublished |
| MW221275.1 | 05 Nov. 2020 | 05 Nov. 2020 | UF-8 | https://mra.asm.org/content/10/8/e00137-21 |
| MT477904.1 | 15 May 2020 | 18 May 2020 | Human/UF-9 | Unpublished |
| MT477903.1 | 15 May 2020 | 18 May 2020 | Human/UF-10 | Unpublished |
| MT476384.1 | 15 May 2020 | 18 May 2020 | Environment/UF-11 | https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0245352 |
| MT539729.1 | 31 May 2020 | 31 May 2020 | Environment/UF-12 | Unpublished |
| MT620766.1 | 15 June 2020 | 7 July 2020 | Human/UF-13 | Unpublished |
| MT620767.1 | 15 June 2020 | 7 July 2020 | Human/UF-14 | Unpublished |
| MT620770.1 | 15 June 2020 | 16 June 2020 | Human/UF-15 | Unpublished |
| MT620772.1 | 15 June 2020 | 16 June 2020 | Human/UF-16 | Unpublished |
| MT620769.1 | 15 June 2020 | 16 June 2020 | Human UF-17 | Unpublished |
| MT620771.1 | 15 June 2020 | 16 June 2020 | Human UF-18 | Unpublished |
| MT668716.1 | 25 June 2020 | 25 June 2020 | Human UF-19 | Int J Infect Dis. 2020 Nov; 100: 476–482. |
| MT670008.1 | 25 June 2020 | 26 June 2020 | Environment/UF-20 |
| MT921009.1 | 25 Aug. 2020 | 25 Aug. 2020 | Human UF-21 | Unpublished |
| MT921159.1 | 25 Aug. 2020 | 25 Aug. 2020 | Human UF-22 | Unpublished |
| MT921165.1 | 25 Aug. 2020 | 25 Aug. 2020 | Human UF-23 | Unpublished |
| MT921166.1 | 25 Aug. 2020 | 25 Aug. 2020 | Human UF-24 | Unpublished |
| MT994884.1 | 13 Sept. 2020 | 13 Sept. 2020 | Human UF-25 | Unpublished |
| MW009055.1 | 16 Sept. 2020 | 16 Sept. 2020 | Human UF-26 | Unpublished |
| MW009107.1 | 16 Sept. 2020 | 16 Sept. 2020 | Human UF-27 | Unpublished |
| MW009255.1 | 16 Sept. 2020 | 16 Sept. 2020 | Human UF-28 | Unpublished |
| MW229264.1 | 09 Nov. 2020 | 09 Nov. 2020 | Human UF-29 | https://www.ijidonline.com/article/S1201-9712(21)00375-1/fulltext |
| MW261767.1 | 16 Nov. 2020 | 16 Nov. 2020 | Human UF-30 | J Aerosol Science https://authors.elsevier.com/sd/article/S0021-8502(21)00600-5 |
| MW307809.1 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-31 | https://jamanetwork.com/journals/jama/fullarticle/2776857 |
| MW307831.1 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-32 | Unpublished |
| MW307889.1 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-33 | Unpublished |
| MW307977.1 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-34 | Unpublished |
| MW307979 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-35 | Unpublished |
| MW308137 | 30 Nov. 2020 | 30 Nov. 2020 | Human UF-36 | https://jamanetwork.com/journals/jama/fullarticle/2776857 |
| MW341241 | 07 Dec. 2020 | 07 Dec. 2020 | Human UF-37 | Unpublished |
| MW518052 | 26 Jan. 2021 | 26 Jan. 2021 | Human UF-38 | Unpublished |
| MW605100.1 | 16 Feb. 2021 | 18 Mar. 2021 | Environment UF-39 | Envronmental Research https://www.sciencedirect.com/science/article/pii/S0013935121017977 |
| MW605103.1 | 16 Feb. 2021 | 18 Mar. 2021 | Environment UF-40 |
| OL622105.1 | 23 Nov. 2021 | 23 Nov. 2021 | Environment UF-41 | Unpublished |

# (84) Keystone virus strain KEYV/mosquito/St. John's County-FL/2019

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Segment | Submission Date | Release Date | Reference |
| MT127621.1 | Large (RDRP) | 28 Feb. 2020 | 20 July 2020 | Unpublished |
| MT127622.1 | Medium (polyprotein) |
| MT127623.1 | Small (N & NSs genes) |

Hepatovirus A/0789/Haiti/2016

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Reference |
| OK625565.1 | 19 Oct. 2021 | 15 May 2022 | Unpublished |

# GenBank Submissions (Lednicky, Internal author)

SV40 Regulatory Region Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| AF135792 | 18 MAR 1999 | 13 JUN 1999 | JID **180,** 884-887, 1999. |
| AF141290 | 7 APR 1999 | 29 JUN 1999 | JID **180,** 884-887, 1999. |
| AF141291 | 7 APR 1999 | 29 JUN 1999 | JID **180,** 884-887, 1999. |
| AF141292 | 7 APR 1999 | 29 JUN 1999 | JID **180,** 884-887, 1999. |
| EU268285.1 | 7 Nov. 2007 | 5 Dec. 2007 | Unpublished |

SV40 *T-Antigen* Carboxy-Terminus Sequences

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| EU268284.1 | 7 Nov. 2007 | 5 Dec. 2007 | Unpublished |

Entire genomic sequence, *Japanese encephalitis virus* strain Nakayama

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| EF571853 | 23 APR 2007 | 27 May 2007 | Unpublished |

Complete genomic sequence, *West Nile virus*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Strain | Reference |
| EF571854 | 23 APR 2007 | 27 May 2007 | 385-99 | Unpublished |
| EU081844 | 3 Aug. 2007 | 26 Aug. 2007 | Egypt 101 | Unpublished |

Complete genomic sequence, *Eastern equine encephalitis virus* strain NJ/60

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| EF568607 | 20 APR 2007 | 4 June 2007 | Unpublished |

Complete genomic sequence, *Tacaribe virus* strain Florida

1. segment S

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF923400 | 2 Dec. 2013 | 12 April 2014 | PLoS One. 2014 Dec 23; 9(12):e115769. |
|  | | | |

1. segment L

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| KF923401 | 2 Dec. 2013 | 12 April 2014 | PLoS One. 2014 Dec 23; 9(12):e115769. |

Partial genomic sequence, *California sea lion adenovirus 1* isolate MS12001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| KR297258.1 | 29 April 2015 | 18 Oct. 2015 | polymerase | J Zoo Wildl Med. 2016 Jun;47(2):427-37. |
| KR297257.1 | 29 April 2015 | 18 Oct. 2015 | E1B-19K |
| KR297256.1 | 29 April 2015 | 18 Oct. 2015 | fiber |
| KR297255.1 | 29 April 2015 | 18 Oct. 2015 | hexon |

Polyomavirus GCH-2015isolate MS12001

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| KR297254.1 | 29 April 2015 | 18 Oct. 2015 | major capsid protein | J Zoo Wildl Med. 2016 Jun;47(2):427-37. |

Epizootic hemorrhagic disease virus 1 isolate OV202

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MF688835 | 21 Aug. 2017 | 13 June 2019 | NS3 gene | unpublished |
| MF688834 | 21 Aug. 2017 | 13 June 2019 | NS2 gene | unpublished |
| MF688833 | 21 Aug. 2017 | 13 June 2019 | NS1 gene | unpublished |
| MF688832 | 21 Aug. 2017 | 13 June 2019 | VP7 gene | unpublished |
| MF688831 | 21 Aug. 2017 | 13 June 2019 | VP6 gene | unpublished |
| MF688830 | 21 Aug. 2017 | 13 June 2019 | VP5 gene | unpublished |
| MF688829 | 21 Aug. 2017 | 13 June 2019 | VP4 gene | unpublished |
| MF688828 | 21 Aug. 2017 | 13 June 2019 | VP3 gene | unpublished |
| MF688827 | 21 Aug. 2017 | 13 June 2019 | VP2 gene | unpublished |
| MF688826 | 21 Aug. 2017 | 13 June 2019 | VP1 gene | unpublished |

Epizootic hemorrhagic disease virus 2 isolate OV215

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MF688825 | 21 Aug. 2017 | 13 June 2019 | NS3 gene | unpublished |
| MF688824 | 21 Aug. 2017 | 13 June 2019 | NS2 gene | unpublished |
| MF688823 | 21 Aug. 2017 | 13 June 2019 | NS1 gene | unpublished |
| MF688822 | 21 Aug. 2017 | 13 June 2019 | VP7 gene | unpublished |
| MF688821 | 21 Aug. 2017 | 13 June 2019 | VP6 gene | unpublished |
| MF688820 | 21 Aug. 2017 | 13 June 2019 | VP5 gene | unpublished |
| MF688819 | 21 Aug. 2017 | 13 June 2019 | VP4 gene | unpublished |
| MF688818 | 21 Aug. 2017 | 13 June 2019 | VP3 gene | unpublished |
| MF688817 | 21 Aug. 2017 | 13 June 2019 | VP2 gene | unpublished |
| MF688816 | 21 Aug. 2017 | 13 June 2019 | VP1 gene | unpublished |

White-tailed deer poxvirus isolate OV179, complete genome

|  |  |  |  |
| --- | --- | --- | --- |
| GenBank # | Submission Date | Release Date | Reference |
| MF966153.1 | 14 Sept. 2017 | 8 Jan. 2018 | Arch Virol. 2018 Sep 21.  doi: 10.1007/s00705-018-3991-7. |

Epizootic hemorrhagic disease virus 6 isolate OV208

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MG886409 | 31 Jan. 2018 | 13 Feb. 2018 | NS3 gene | unpublished |
| MG886408 | 31 Jan. 2018 | 13 Feb. 2018 | NS2 gene | unpublished |
| MG886407 | 31 Jan. 2018 | 13 Feb. 2018 | NS1 gene | unpublished |
| MG886406 | 31 Jan. 2018 | 13 Feb. 2018 | VP7 gene | unpublished |
| MG886405 | 31 Jan. 2018 | 13 Feb. 2018 | VP6 gene | unpublished |
| MG886404 | 31 Jan. 2018 | 13 Feb. 2018 | VP5 gene | unpublished |
| MG886403 | 31 Jan. 2018 | 13 Feb. 2018 | VP4 gene | unpublished |
| MG886402 | 31 Jan. 2018 | 13 Feb. 2018 | VP3 gene | unpublished |
| MG886401 | 31 Jan. 2018 | 13 Feb. 2018 | VP2 gene | unpublished |
| MG886400 | 31 Jan. 2018 | 13 Feb. 2018 | VP1 gene | unpublished |

Mobuck virus isolate OV612

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MH801204 | 27 Aug. 2018 | 25 Sept. 2018 | Nsp3 gene | Ahasan *et al*,.Microbiology Resource AnnouncementsJan 2019, 8 (3) e01324-18; **DOI:** 10.1128/MRA.01324-18 |
| MH801203 | 27 Aug. 2018 | 25 Sept. 2018 | Nsp2 gene |
| MH801202 | 27 Aug. 2018 | 25 Sept. 2018 | Nsp1 gene |
| MH801201 | 27 Aug. 2018 | 25 Sept. 2018 | VP7 gene |
| MH801200 | 27 Aug. 2018 | 25 Sept. 2018 | VP6 gene |
| MH801199 | 27 Aug. 2018 | 25 Sept. 2018 | VP5 gene |
| MH801198 | 27 Aug. 2018 | 25 Sept. 2018 | VP4 gene |
| MH801197 | 27 Aug. 2018 | 25 Sept. 2018 | VP3 gene |
| MH801196 | 27 Aug. 2018 | 25 Sept. 2018 | VP2 gene |
| MH801195 | 27 Aug. 2018 | 25 Sept. 2018 | VP1 gene |

Epizootic hemorrhagic disease virus 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Virus strain, # genes | Reference |
| MK958987 -MK958996 | 23 May 2019 | 23 Jul 2019 | OV610; 10 | unpublished |
| MK958997 -  MK959006 | 23 May 2019 | 23 Jul 2019 | OV617; 10 | unpublished |
| MK959007- MK959016 | 23 May 2019 | 23 Jul 2019 | OV862; 10 | unpublished |
| MK959017- MK959026 | 23 May 2019 | MK959017 | OV867; 10 | unpublished |

Epizootic hemorrhagic disease virus 6 isolate OV208

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MG886408 | 31 Jan 2018 | 13 June 2019 | NS2 gene | unpublished |
| MG886407 | 31 Jan 2018 | 13 June 2019 | NS1 gene | unpublished |
| MG886406 | 31 Jan 2018 | 13 June 2019 | VP6 gene | unpublished |
| MG886405 | 31 Jan 2018 | 13 June 2019 | VP5 gene | unpublished |

Mammalian orthoreovirus 2 isolate OV204

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK092964 | 29 Aug. 2018 | 31 Oct. 2018 | Lambda-3 gene | Ahasan *et al.* Virus Res.2019 Jun 19:197642. doi: 10.1016/j.virusres.2019.197642. |
| MK092965 | 29 Aug. 2018 | 31 Oct. 2018 | Lambda-2 gene |
| MK092966 | 29 Aug. 2018 | 31 Oct. 2018 | Lambda-1 gene |
| MK092967 | 29 Aug. 2018 | 31 Oct. 2018 | mu-2 gene |
| MK092968 | 29 Aug. 2018 | 31 Oct. 2018 | mu-1 gene |
| MK092969 | 29 Aug. 2018 | 31 Oct. 2018 | mu-NS gene |
| MK092970 | 29 Aug. 2018 | 31 Oct. 2018 | sigma-1 gene |
| MK092971 | 29 Aug. 2018 | 31 Oct. 2018 | sigma-2 gene |
| MK092972 | 29 Aug. 2018 | 31 Oct. 2018 | sigma-NS gene |
| MK092973 | 29 Aug. 2018 | 31 Oct. 2018 | sigma-3 gene |

Big Cypress virus isolate OV624

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK105769.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP1 gene | Ahasan *et al.,* Microbiology Resource Announcements Mar 2019, 8 (11) e01717-18; **DOI:** 10.1128/MRA.01717-18 |
| MK105770.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP2 gene |
| MK105771.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP3 gene |
| MK105772.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP4 gene |
| MK105773.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP5 gene |
| MK105774.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP6 gene |
| MK105775.1 | 26 Oct.. 2018 | 12 Dec. 2018 | VP7 gene |
| MK105776.1 | 26 Oct.. 2018 | 12 Dec. 2018 | NS1 gene |
| MK105777.1 | 26 Oct.. 2018 | 12 Dec. 2018 | NS2 gene |
| MK105778.1 | 26 Oct.. 2018 | 12 Dec. 2018 | NS3 gene |

CHeRI orbivirus 1 isolate OV682

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903619.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903620.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903621.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903622.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903623.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903624.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903625.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903626.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903627.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903628.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 2-1 isolate OV610

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903629.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903630.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903631.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903632.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903633.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903634.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903635.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903636.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903627.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903628.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 2-2 isolate OV862

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903639.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903640.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903641.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903642.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903643.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903644.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903645.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903646.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903647.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903648.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 3-1 isolate OV617

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903649.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903650.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903651.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903652.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903653.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903654.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903655.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903656.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903657.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903658.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 3-2 isolate OV867

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903659.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903660.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903661.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903662.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903663.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903664.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903665.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903666.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903667.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903668.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 3-3 isolate OV926

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MK903669.1 | 8 May 2019 | 22 May 2019 | VP1 gene | Viruses. 2019 Dec 20;12(1) |
| MK903670.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MK903671.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MK903672.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MK903673.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MK903674.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MK903675.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MK903676.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MK903677.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MK903678.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

CHeRI orbivirus 3-4 isolate OV895

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MT341501.1 | 8 May 2019 | 22 May 2019 | VP1 gene | MRA. 2020 Jun 25;9(26):e00523-20. doi: 10.1128/MRA.00523-20. |
| MT341503.1 | 8 May 2019 | 22 May 2019 | VP2 gene |
| MT341502.1 | 8 May 2019 | 22 May 2019 | VP3 gene |
| MT341504.1 | 8 May 2019 | 22 May 2019 | VP4 gene |
| MT341506.1 | 8 May 2019 | 22 May 2019 | VP5 gene |
| MT341509.1 | 8 May 2019 | 22 May 2019 | VP6 gene |
| MT341508.1 | 8 May 2019 | 22 May 2019 | VP7 gene |
| MT341505.1 | 8 May 2019 | 22 May 2019 | NS1 gene |
| MT341507.1 | 8 May 2019 | 22 May 2019 | NS2 gene |
| MT341510.1 | 8 May 2019 | 22 May 2019 | NS3 gene |

Yunnan orbivirus isolate OV1288

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Gene | Reference |
| MW424401.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP1 gene | Unpublished |
| MW424402.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP2 gene |
| MW424403.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP3 gene |
| MW424404.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP4 gene |
| MW424405.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP5 gene |
| MW424406.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP6 gene |
| MW424407.1 | 30 Dec. 2020 | 24 Feb. 2021 | VP7 gene |
| MW424408.1 | 30 Dec. 2020 | 24 Feb. 2021 | NS1 gene |
| MW424409.1 | 30 Dec. 2020 | 24 Feb. 2021 | NS2 gene |
| MW424410.1 | 30 Dec. 2020 | 24 Feb. 2021 | NS3 gene |

**NCBI Sequence Read Archive (SRA)**

|  |  |
| --- | --- |
| **Virus and key identifier** | **NCBI SRA Accession #** |
| Mobuck virus OV612 | Study: PRJNA506057 • SRP169613 |
| SRA title | SRX5027158: Complete genome sequence of mobuck virus |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 2.1M spots, 1.1G bases, 629.2Mb downloads |
| Big Cypress virus OV624 | Study: PRJNA508942 • SRP173059 |
| SRA title | SRX5115255: Genome sequences of Big Cypress orbivirus |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 912,415 spots, 447.1M bases, 206.9Mb downloads |
| CHeRI orbivirus 1 OV682 | Study: PRJNA550091 • SRP202097 |
| SRA title | SRX6101483: Whole genome sequencing of CHeRI orbivirus 1: White-tailed deer spleen |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 377,418 spots, 192.7M bases, 95.5Mb downloads |
| CHeRI orbivirus 2-1 and EHDV-2 OV610 | Study: PRJNA551266 • SRP212005 |
| SRA title | SRX6364003: Whole genome sequencing of CHeRI orbivirus 2-1 and Epizootic hemorrhagic disease virus 2: White-tailed deer spleen |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 682,707 spots, 366M bases, 175.1Mb downloads |
| CHeRI orbivirus 2-2 and EHDV-2 OV862 | Study: PRJNA551279 • SRP212009 |
| SRA tile | SRX6364211: Genome sequences of CHeRI orbivirus 2-2 and Epizootic hemorrhagic disease virus 2 |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 761,349 spots, 300.7M bases, 118.2Mb downloads |
| CHeRI orbivirus 3-1 and EHDV-2 OV617 | Study: PRJNA551270 • SRP212006 |
| SRA title | SRX6364147: Whole genome sequencing of CHeRI orbivirus 3-1 and Epizootic hemorrhagic disease virus 2: White-tailed deer spleen |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 778,903 spots, 395.9M bases, 185.3Mb downloads |
| CHeRI orbivirus 3-2 and EHDV-2 OV867 | Study: RJNA551285 • SRP212010 |
| SRA title | SRX6364221: Genome sequences of CHeRI orbivirus 3-2 and Epizootic hemorrhagic disease virus 2 |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 511,505 spots, 216M bases, 86.6Mb downloads |
| CHeRI orbivirus 3-3 isolate OV926 | Study: PRJNA551286 • SRP212011 |
| SRA title | SRX6364236: Genome sequence of CHeRI orbivirus 3-3 |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: 1.2M spots, 510M bases, 247.1Mb downloads |
| CHeRI orbivirus 3-4 isolate OV895 | Accession: PRJNA629823 ID:629823 |
| SRA title: | Sequencing of CHeRI orbivirus 3-4 isolate OV895 |
| Platform | 1 ILLUMINA (Illumina MiSeq) run: Data volume, Mbases 428; Data volume, Mbytes 195 |

Dengue virus 4 isolate Manatee\_Florida\_USA/MAG1/2016, complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Strain | Reference |
| MN192436.1 | 16-JUL-2019 | 29 Apr 2020 | Manatee\_Florida\_USA/MAG1/2016 | https://msphere.asm.org/content/5/2/e00316-20/article-info |

Influenza A virus (A/environment/Gainesville/12/2016 (H1N1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Gene | Submission Date | Release Date | Reference |
| MT474139.1 | PB2 | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474140.1 | PB1 | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474141.1 | PA | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474142.1 | HA | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474143.1 | NP | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474144.1 | NB, NA | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474145.1 | M1, BM2 | 15 May 2020 | 20 May 2020 | Unpublished |
| MT474146 .1 | NEP, NS1 | 15 May 2020 | 20 May 2020 | Unpublished |

*SARS-CoV-2* complete or nearly complete genome

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GenBank # | Submis. Date | Release Date | Strain | Reference |
| MW605100.1 | 16 Feb 2021 | 16 Feb 2021 | Sewage-UF-39 | Unpublished |
| MW605103.1 | 16 Feb 2021 | 16 Feb 2021 | Sewage-UF-40 | Unpublished |

**I. CDC and USDA permits for microorganisms (past and present, partial list)**

* USDA Permit for importation and transportation of brain homogenates, tissues, and prion protein from elk, deer, moose, and other cervids infected with CWD (April 10, 2006)
* CDC Permit (PHS Permit 2006-03-102) for SARS coronavirus
* USDA Permit (103048) for highly pathogenic avian influenza virus, low path avian influenza virus (H5 or H7 subtypes), and low path avian influenza virus (non-H5 or H7 subtypes) (06/05/2007)
* USDA Permit for prions from cervids, sheep, goat, and hamster scrapie (4/30/2007).
* USDA Permit for various influenza viruses affecting animals and humans (to 2010).
* USDA Permit for *Coxiella burnetii* (to 2010).
* USDA Permit for *Bacillus anthracis, Brucella abortus, Brucella melitensis, Brucella suis, Burkholderia pseudomallei, Burkholderia mallei,* botulinum neurotoxin producing species of *Clostridium*, *Francisella tularensis, Japanese encephalitis virus, Eastern equine encephalitis virus, Western equine encephalitis virus*, and *Venezuelan equine encephalitis virus* (5/20/2009).
* USDA permit for swine flu viruses (2009 - current).
* USDA permit for Rabies virus (2011, 2012).
* USDA permits for EHDV and Bluetongue viruses (2016, 2017, 2018).
* CDC permit for Chikungunya, Mayaro, Dengue, and Zika viruses and mosquitoes carrying those viruses (2016-current)

**J. Conferences or meetings attended (no abstract or talk presented) (partial list):**

8th Annual Conference on New and Re-emerging Infectious Diseases. Hosted by The Center for Zoonoses Research, The University of Illinois, Urbana-Champaign. Held at the Levis Faculty Center, April 21 – 22, 2005.

Conference entitled: **Missouri Prepares**, sponsored by: Missouri’s Pandemic Readiness and Emergency Planning Summit, 23 February 2006, Busch Student Center, 20 North Grand Blvd., Saint Louis University, St. Louis, Missouri.

Midwest Regional Center of Excellence Fall Retreat & Planning Meeting, September 29-30, 2006, Innsbrook Conference Center, Innsbrook, Missouri.

4th Annual NIAID Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research Meeting. Hyatt Regency Hotel at Union Station, St. Louis, Missouri, April 15 – 17, 2007.

Legacy of Virology at Baylor College of Medicine; Reunion and Conference, Baylor College of Medicine, Alkek Building, Houston, Texas, May 19, 2007.

5th Annual Midwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research Meeting. Eric P. Newman Center, Washington University in St. Louis School of Medicine, 320 S. Euclid Avenue, St. Louis, MO, Oct. 8, 2007.

24th Annual Clinical Virology Symposium, Pan American Society for Clinical Virology. April 27 – 30, 2008, Daytona Beach, Florida.

Emerging Infections Symposium, Alumni Center, Kansas State University, Nov. 13 -14, 2008. Manhattan, Kansas.

Optimizing Detection, Prevention, & Treatment of Vector-Bourne Diseases, held at the Sanford-Burnham Medical Research Institute at Lake Nona, Orlando FL, Jan 31, 2011.

UF IFAS CHeRI PI Retreat. Courtyard Marriott, St. Petersburg, Florida. 15 Aug. 2019.

Educational discussions, Southeast Trophy Deer Association, UF IFAS Gulf Coast Research and Education Center, Wimauma, Florida, 17 Aug. 2019.