

Marie L. Rivera-Zengotita, M.D.

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Neuropathology Unit Director
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Education & Training

2007-2009 Neuropathology, Baylor College of Medicine, Houston, TX
2004-2007 Anatomic Pathology, University of Puerto Rico Medical Sciences Campus, San Juan, PR
2000-2004 M.D., Ponce School of Medicine, Ponce, Puerto Rico
1996-2000 B.S., Chemistry (*summa cum laude*), Pontifical Catholic University of Puerto Rico, Ponce, Puerto Rico

Academic, Administrative & Clinical Appointments

2019-Present Neuropathology Unit Director
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
Gainesville, FL

2018-Present Clinical Associate Professor
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
Gainesville, FL

2010-2018 Clinical Assistant Professor
Department of Pathology, Immunology and Laboratory Medicine
University of Florida College of Medicine
Gainesville, FL

2009-2010 Assistant Professor
Department of Pathology and Laboratory Medicine
University of Puerto Rico Medical Sciences Campus
San Juan, PR

2006-2007 Chief Resident
Department of Pathology and Laboratory Medicine
University of Puerto Rico Medical Sciences Campus
San Juan, PR

Professional Education & Experience

1999-2000 Physics tutor, TaDDEI Program, Pontifical Catholic University of Puerto Rico, Ponce, PR
1998-2000 Mentor, Puerto Rico Alliance for Minority Participation Mentoring Program, Pontifical

Catholic University of Puerto Rico, Ponce, PR

Certification and Licensure

2008-Present Diplomat, Anatomic Pathology, American Board of Pathology
2009-Present Diplomat, Neuropathology, American Board of Pathology

Florida M.D. license, active
Puerto Rico M.D. license, inactive

Honors and Awards

2020 Excellence in teaching award, second year medical student "Fungus Ball", University of Florida College of Medicine
2017 University of Florida College of Medicine Exemplary Teacher Award
2014 Excellence in teaching award, second year medical student "Fungus Ball", University of Florida College of Medicine
2010 AFIP Department of Radiology recognition for best clinicopathologic-radiologic correlation
2004 Academic Honor, M.D. Program, Ponce School of Medicine
2003 Alpha Omega Alpha, Puerto Rico Beta Chapter, Ponce School of Medicine
2001 USAA All-American Scholar Collegiate Award, Ponce School of Medicine
2000 Highest grade point average of graduating class and College of Science at the Bachelor Degree level, Pontifical Catholic University of Puerto Rico
1999 Who's Who among Students in American Universities and Colleges Award, Pontifical Catholic University of Puerto Rico
1999 National Collegiate Natural Sciences Award, Pontifical Catholic University of Puerto Rico
1998 Alpha Chi National College Honor Scholarship Society, Pontifical Catholic University of Puerto Rico
1998 National Collegiate Minority Leadership Award, Pontifical Catholic University of Puerto Rico
1998 The National Dean's List Honorary Award Recognition, Pontifical Catholic University of Puerto Rico
1998 Academic All-American at Large Division Scholars, Pontifical Catholic University of Puerto Rico
1997 CRC Press LLC Freshman Chemistry Achievement Award
1996-2000 Highest grade point average, Chemistry Department, Pontifical Catholic University of Puerto Rico
1996-2000 College of Science Dean's list, Pontifical Catholic University of Puerto Rico
1996-2000 Institutional Honor Program Scholarship, Pontifical Catholic University of Puerto Rico

Research and Clinical Interests

1. Adult and pediatric myopathies
2. Adult and pediatric brain tumors
3. Eye pathology

Professional Memberships

2015- 2018 American Association of Neuromuscular & Electrodagnostic Medicine (ANEM)
2010-Present Florida Society of Pathologists (FSP)

2009-Present American Association of Neuropathologists (AANP) (active member)
 2008-Present United States and Canadian Academy of Pathology (USCAP)
 2004-Present American Society for Clinical Pathology (ASCP) (Fellow, inactive)
 2004-Present College of American Pathologists (CAP) (Fellow)
 1998-2000 Chemistry Club, Pontifical Catholic University of Puerto Rico Chapter
 Affiliated to the American Chemical Society

Peer-Review Services

2016-Present *Ad hoc* reviewer for Histopathology and Archives of Pathology and Laboratory Medicine

Clinical Activities

Clinical Service

Anatomic Pathology:

1. Neuropathology (surgical neuropathology, neuromuscular and eye pathology) including frozen section and call coverage – 2 weeks per month
2. Gynecologic pathology and placenta service – 1 week per month

Teaching

Medical Student teaching:

2013- Present Lecturer for second year medical student Musculoskeletal Course (BMS6631), University of Florida College of Medicine
 2010- Present Lecturer for second year medical student Neuropathology Course (BMS6020), University of Florida College of Medicine
 2009-2010 Lecturer for second year medical student Neuropathology Course, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico
 2004-2007 Second year medical student laboratory sessions (Autopsy, Vasculitis, Neuropathology, GI pathology, Liver Pathology GYN pathology, Renal pathology and Markers of Cellular Injury), University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico

Dental Student teaching:

2015- Present Lecturer of Neuropathology for dental student Pathology Course (DEN6350), University of Florida College of Dentistry

Graduate Student teaching:

2020 Lecturer for Neuromuscular Diseases Course (GMS5905), Department of Physiology and Functional Genomics, University of Florida
 2018-Present Lecturer for Fundamentals of Skeletal Muscle Course (GMS6476/APK4101), Departments of Applied Physiology and Kinesiology and Pharmacology, University of Florida

Departmental & Divisional Conferences and Resident/Fellow teaching:

2016-Present Monthly adult muscle and nerve biopsy review conference
 2016-Present Pediatric muscle and nerve biopsy review conference
 2010- Present Lecturer for Pathology, Neurology and Neurosurgery residents and fellows review courses (neuropathology and neuromuscular pathology topics)
 2010-Present Neuropathology and Gynecologic Oncology Tumor Boards, University of Florida

	College of Medicine
2008-2009	Neuropathology Tumor Boards, M.D. Anderson Cancer Center and The Methodist Hospital
2008-2009	Bi-weekly Neuropathology Conference, The Methodist Hospital
2004-2007	Mortality and morbidity conferences, University of Puerto Rico Medical Sciences Campus
2004-2007	G.I. and liver pathology, Gynecologic oncology, Pediatrics, Urology, and Endocrinology Tumor Boards, University of Puerto Rico Medical Sciences Campus

Training Program and Education Committees:

2019-Present	Pathology Program Evaluation Committee, University of Florida College of Medicine
2014-Present	Pathology Clinical Competency Committee, University of Florida College of Medicine
2014-2016	Pathology Program Evaluation Committee University of Florida College of Medicine
2006	Internal Residency Review Process Workshop, University of Puerto Rico Medical Sciences Campus
2002-2003	Advanced Standing Student Admissions Committee, Ponce School of Medicine
2002	Pathology Course Curriculum discussion committee, Ponce School of Medicine
2001	Educational Programs Committee for Liaison Committee on Medical Education (LCME) Self-Study, Ponce School of Medicine
1999	Chemistry Curriculum Committee, Pontifical Catholic University of Puerto Rico

Courses Directed:

2009-2010	Co-coordinator for the second year medical student Neuroscience Course, University of Puerto Rico Medical Sciences Campus
2009-2010	Coordinator for the medical student Anatomic Pathology elective rotation, University of Puerto Rico Medical Sciences Campus

Research Experience

2015-2018	University of Florida, Lin Yang, Ph.D. (PI), Gainesville, Florida. Collaborated with Dr. Lin Yang's laboratory in developing computer models that help identify key histological features in muscle biopsies of inflammatory myopathies (dermatomyositis, polymyositis, inclusion body myositis). I provided support with identification of histologic features of interest in the different diseases.
2014-2015	University of Florida, Gregory Murad, MD (PI), Gainesville, Florida. Worked in collaboration with the Neurosurgery Department (Dr. Fargen and Dr. Murad) on evaluating the pathology associated with ventriculostomy catheter failure/occlusion. I was in charge of performing the gross inspection of all the catheters, collecting, processing, and performing microscopic evaluation of tissue samples and material collected from the catheters.
2010-2013	University of Florida, Anthony Yachnis, MD (PI), Gainesville, Florida. Analysis of IDH-1 expression to distinguish infiltrating glioma versus reactive gliosis. Studied the expression of a monoclonal anti-human IDH1 ^{R132H} antibody on diffuse glioma tissue samples and on control (non-neoplastic) brain tissues to evaluate its sensitivity and specificity in the diagnosis of gliomas. Evaluated the correlation between IDH-1 expression in gliomas and survival.
2008	Texas Childrens Hospital/Baylor College of Medicine, Adekunle Adesina, MD, PhD (PI). Worked on the molecular characterization of nodular medulloblastomas with and without anaplasia in children. Molecular techniques used included QrtPCR and FISH

- 2001 for N-myc, C-myc, OTX-2, c-erb-B2.
 Medical Students Summer Research Program, Elizabeth Barranco, MD (PI), Ponce School of Medicine.
 Conducted a self-appraisal study at Saint Luke's Memorial Hospital in Ponce, PR to assess the hospital's breastfeeding policies. Results were presented to Pediatric and OBGYN Residency Programs and Administrative Officials at Saint Luke's Memorial Hospital and to participants of the Medical Students Summer Research Program at Ponce School of Medicine.

Committee, Organizational & Volunteer Services

Institutional:

- 2019-Present Pathology Department Representative, UF College of Medicine Faculty Council
 2018-Present UF College of Medicine Council of Faculty and Academic Societies (CFAS) Junior Representative
 2018-Present Professional Practice Evaluation Committee, Department of Pathology, University of Florida College of Medicine
 Appointed Chair in 2020
 2014-Present IHC Quality Control Committee, Department of Pathology, University of Florida
 2014-2015 Co-director of the Electron Microscopy Laboratory, University of Florida/VA Hospital
 2012-Present Various Faculty Search Committees (Cytopathology, Surgical Pathology, Dermatopathology, GI/Neuropathology, Pediatric Pathology), Department of Pathology, University of Florida College of Medicine
 2006-2007 Pathology Chair Search Committee, University of Puerto Rico Medical Sciences Campus
 2003-2004 Class of 2004 Graduation Committee, Ponce School of Medicine
 2003 Student representative at Senate of Puerto Rico public hearings, Ponce School of Medicine
 2002 Welcoming Committee, Ponce School of Medicine 25th Anniversary Cocktail Party
 1999 Chemistry Department Delegate for *Diálogo Interdisciplinario*, Pontifical Catholic University of Puerto Rico
 1998 College of Science representative in 50th Anniversary activities, Pontifical Catholic University of Puerto Rico

Professional Organizations:

- 2018-2019 Awards Committee, American Association of Neuropathologists
 2018-2019 Outcomes Focus Group, United States and Canadian Academy of Pathology
 2011-2016 Professional Affairs Committee, American Association of Neuropathologists

Volunteer:

- 1998-2003 Various service activities including Health Fair at Plaza del Caribe, Ponce, Puerto Rico and volunteer to examine the Naval Sea Cadets in San German, Puerto Rico.
 1998 Teacher's assistant at C.C.D.N. America Capó V daycare center
 1997-2000 Volunteer Chemistry Courses Tutor (Organic Chemistry, Analytical Chemistry, Instrumental Chemistry, and Physical Chemistry)

Extramural Invited Presentations

- March 18, 2018 USCAP 2018 Annual Meeting, Ophthalmic Pathology Evening Specialty Conference, Vancouver, BC, Canada
 Topic: Case 3: Chronic progressive external ophthalmoplegia and mitochondrial disorders

- April 5, 2014 2014 Annual Symposium of the Puerto Rico Pathology Academy, San Juan, Puerto Rico
Topics: Tools for Glioma Diagnosis and Other Neuroepithelial Tumors: Review of glial and glioneuronal entities introduced in the current WHO classification of CNS tumors
- October 2012 Platform presentation at the Eastern Ophthalmic Pathology Society (EOPS) Meeting, Coral Gables, Florida
Topic: Intraocular metastasis of lung cancer presenting as retinal vasculitis and retinitis.
- June 2009 Platform presentation at the AANP 2009 Annual Meeting, San Antonio, Texas
Topic: Anaplastic progression in nodular medulloblastoma: relationship with *MYC* amplification

Seminars

- December 8, 2017 UF Health Department of Rheumatology Grand Rounds, University of Florida College of Medicine, Gainesville, Florida
Topic: Skeletal muscle biopsy: Using histology to guide molecular investigations
- September 7, 2017 UF Health Myology Institute Seminar Series, University of Florida, Gainesville, Florida
Topic: Skeletal muscle biopsy: Using histology to guide molecular investigations
- August 2, 2017 UF Health Department of Pathology, Immunology and Laboratory Medicine Grand Rounds, University of Florida College Medicine, Gainesville, Florida
Topic: Skeletal muscle biopsy: Using histology to guide molecular investigations
- 2008 Introduction to nerve biopsy seminar, University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico
- 2001-2003 Ponce School of Medicine Orientation week period speaker

Bibliography

Peer Reviewed publications

1. Jimenez L, **Rivera ML**, Ferra S, Colon LE, Carro E. Prolactinoma with extensive amyloid deposits: a case report. *P R Health Sci J*. 2008 Dec; 27(4):343-345.
2. Jimenez L, Correa-Rivas M, Colón-Castillo L, **Rivera-Zengotita M**, Colón G, Vigo J, McBurney E. Pilomyxoid astrocytoma in unusual location in a child with neurofibromatosis type 1: case report and review of the literature. *P R Health Sci J*. 2010 Jun;29(2):123-6.
3. **Rivera-Zengotita M**, Yachnis AT. Gliosis versus glioma?: don't grade until you know. *Adv Anat Pathol*. 2012 Jul; 19 (4): 239-249.
4. **Rivera-Zengotita M**, Kresak JL. Dysembryoplastic Neuroepithelial Tumor in An Unusual Intraventricular Location. *Pathology Case Reviews*. Nov/Dec 2013;18:271-272.
5. Kresak JL, **Rivera-Zengotita M**, Foss R, Yachnis AT. Protocol for the examination of specimens from patients with tumors of the brain/spinal cord. *Arch Pathol Lab Med*. 2013;132:907-912.
6. Jesse L, Kresak MD, Martha J, Burt MD, **Marie Rivera-Zengotita MD**, Anthony T, Yachnis MD. Inadvertent Intrathecal Vincristine Administration with Widespread Axonal Injury Demonstrated by Amyloid Precursor Protein Immunohistochemistry. *AFPJ*. December 2014; 4(4):563-566.

7. Fargen KM, Hoh BL, Neal D, O'connor T, **Rivera-Zengotita M**, Murad GJ. The burden and risk factors of ventriculostomy occlusion in a high-volume cerebrovascular practice: results of an ongoing prospective database. *J Neurosurg.* 2016 Jun;124(6):1805-12.
8. Wyckoff Erich T., Moawad Nash S., Schultheis Caitlin M., and **Rivera-Zengotita Marie**. A Rare Case of Spontaneous Rupture of Endometrial Stromal Sarcoma Resulting in Acute Hemoperitoneum. *Journal of Gynecologic Surgery.* May 2016, 32(3): 197-200.
9. Fargen KM, O'Connor T, **Rivera-Zengotita ML**, Murad GJ. A radiographic analysis following the proximal irrigation of occluded external ventricular drains: a cautionary note. *Acta Neurochir (Wien).* 2016 Feb;158(2):271-2.
10. Dyson K, **Rivera-Zengotita M**, Kresak J, Weaver K, Stover B, Fort J, Rahman M, Pincus DW, Sayour EJ. FGFR1 N546K and H3F3A K27M mutation in a diffuse leptomeningeal tumor with glial and neuronal markers. *Histopathology.* 2016 Oct;69(4):704-7.
11. Cascio M, **Rivera-Zengotita M**, Fort J. A Case Presentation: Rare Occurrence of an Adolescent Male Presenting with an ATRT and Simultaneous Low-grade Glioneuronal Tumor. *J Pediatr Hematol Oncol.* 2017 Nov;39(8):e456-e459.
12. Kristin J Weaver, MD, PhD, Lexi M Crawford, BS, Catherine A Edmonson, BS, Jeffrey A Bennett, MD, **Marie L Rivera-Zengotita, MD**, and David W Pincus, MD, PhD. Brainstem angiocentric glioma: report of two cases. *J Neurosurg Pediatr.* 2017 Oct;20(4):347-351.
13. Sadaf Khorasani, MD, Qian Wu, MD, **Marie L. Rivera-Zengotita, MD**, Kevin J. Felice, DO. The DES R415W mutation: Clinicopathological report of four patients. *Genet Mol Med.* 2019; 1(1): 1-6.
14. Sonjak V, Jacob K, Morais JA, **Rivera-Zengotita M**, Spendiff S, Spake C, Taivassalo T, Chevalier S, Hepple RT. Fidelity of muscle fiber reinnervation modulates aging muscle impact in elderly women. *J Physiol.* 2019 Oct;597(19):5009-5023.
15. Jason Gregory, MD, **Marie L. Rivera-Zengotita, MD**, Ying, Li, MD, PhD, Anthony Yachnis. A 43 year old female with new onset seizures. (*Submitted as a case report to Brain Pathology*).
16. Yanel De Los Santos, M.D.; David Shin, M.D.; Samuel Malnik, B.A.; **Marie Rivera-Zengotita, M.D.**; David Tran, M.D., PhD.; Ashley Ghiaseddin, M.D.; Jesse Lee Kresak, M.D. Intracranial myxoid mesenchymal neoplasms with EWSR1 gene rearrangement: report of two midline cases with one demonstrating durable response to MET inhibitor monotherapy. (*Submitted to World Neurosurgery*).

Books:

1. Anthony T. Yachnis and **Marie Rivera-Zengotita** (editors). *High Yield Pathology: Neuropathology*. Philadelphia: Elsevier Saunders; 2014.

Chapters in Books:

1. **Rivera-Zengotita M**, Illner A, Adesina AM: Rosette forming glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. Publisher - Springer. 2010:205-207.
2. **Rivera-Zengotita M**, Illner A, Adesina AM: Papillary glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. Publisher - Springer. 2010:199-204.
3. **Rivera-Zengotita M**, Illner A, Adesina AM: Malignant epithelioid glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. Publisher - Springer. 2010:209-219.
4. **Marie L. Rivera-Zengotita**: Neuromuscular Disorders. In: Anthony T. Yachnis and **Marie Rivera-Zengotita** (editors). *High Yield Pathology: Neuropathology*. Philadelphia: Elsevier Saunders; 2014:311-345.

5. **Rivera-Zengotita M**, Illner A, Adesina AM: Rosette forming glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. 2nd ed. Publisher - Springer. 2016:207-210.
6. **Rivera-Zengotita M**, Illner A, Adesina AM: Papillary glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. 2nd ed. Publisher - Springer. 2016:201-206.
7. **Rivera-Zengotita M**, Illner A, Adesina AM: Malignant epithelioid glioneuronal tumors. In: Adesina, AM, Tihan T, Fuller C, Poussaint TY (Editors): *Atlas of Pediatric Brain Tumors*. 2nd ed. Publisher - Springer. 2016:211-219.
8. **Rivera-Zengotita M**, Yachnis AT. Cerebellar Heterotopia and Dysplasia. In: Adle-Biassette H, Harding BN, Golden JA (Editors): *Developmental Neuropathology*. 2nd edition. International Society of Neuropathology, ISN Neuropathology Press, Basel, Switzerland. 2018:159-165.
9. **Rivera-Zengotita M**, Yachnis AT. Vascular Disease. In: RA Prayson (editor): *Foundations in Diagnostic Pathology - Neuropathology*, 3rd ed., Foundations in Neuropathology series, Elsevier, Philadelphia, PA (*In press*).

Abstracts:

1. De Marino S, **Rivera M**, Tulla M, Barranco E. San Lucas: Becoming a Baby Friendly Hospital. Poster presented at the 2001 Annual Biomedical Research Conference for Minority Students (ABRCMS), Orlando. FL, June 2001.
2. **Rivera M**, Climent C. Serous surface papillary carcinoma of peritoneum: An autopsy case report.
Poster presented at the XXVI Annual Forum of Investigation and Education, University of Puerto Rico Medical Sciences Campus, San Juan, PR April 2006.
3. Rosa M, **Rivera M**, Colón L. Renal angiomyolipoma: Report of a case.
Abstract submitted for presentation at the VIII Congreso Virtual Hispanoamericano de Anatomía Patológica.
4. **Rivera M**, Jiménez L, Ferrá S, Colón L, Carro E. Prolactinoma with extensive amyloid deposits: A case report.
Poster presented at the XXVII Annual Forum of Investigation and Education, University of Puerto Rico Medical Sciences Campus, San Juan, PR, March 2007.
5. **M Rivera-Zengotita**, W Whitehead, M Chintagumpala, GN Fuller, J Jones, AM Adesina. Malignant Epithelioid Glioneuronal Tumor: Unusual Phenotype or New Entity? *Modern Pathology*. 2008 January;21(Supplement 1s):324A.
Poster presented at the 2008 USCAP Meeting, Denver, CO, March 2008.
6. **Rivera-Zengotita M**, Mehta V, Craigen W, Scaglia F, Bhattacharjee M, Wong L-J, and Adesina AM. Mitochondrial immunofluorescence assay as an adjunctive tool in the diagnosis of mitochondrial myopathy. *Journal of Neuropath and Exp Neurol*. 2008 May;67(5):519.
Poster presented at the 2008 Experimental Biology Meeting, San Diego, CA, April 2008.
7. **Marie Rivera-Zengotita**, David Murdock, A Beaudet, Meena B. Bhattacharjee. Neuromuscular presentation of severe neonatal onset glycogenosis type IV. *Journal of Neuropath and Exp Neurol*. 2008 May;67(5):519.
Poster presented at the Experimental Biology 2008 Meeting, San Diego, CA, April 2008.
8. **Marie Rivera-Zengotita, MD**; Jianyi Li, MD, PhD; Hidehiro Takei, MD, PhD; Gregory N. Fuller, MD, PhD; Suzanne Z. Powell, MD. Sclerosing paraganglioma of the filum terminale. *Archives of Pathology and Laboratory Medicine*. 2008 September;132(9):1521.
Poster presented at the CAP 08 Meeting, San Diego, CA, September 2008.
9. **Rivera-Zengotita M**, M.D.; Nunez M, M.D.; Mehta V, MS; Courteau G; Chintagumpala M, M.D., Dauser R, M.D., Adesina AM, M.D., Ph.D. Anaplastic progression in nodular medulloblastoma:

- relationship with MYC amplification. *Journal of Neuropath and Exp Neurol.* 2009 May;68(5):567.
Platform presentation at the AANP 2009 Annual Meeting, San Antonio, TX, June 2009.
10. J. Billoch-Lima, MD; R. Vélez-Rosario, MD; **M. Rivera-Zengotita, MD.** Myeloid Sarcoma of the brain presenting as a posterior fossa tumor: A case report.
Poster presented at the XXX Annual Forum of Investigation and Education, University of Puerto Rico Medical Sciences Campus, San Juan, PR, March 2010.
 11. Leslie López, MD; **Marie L. Rivera, MD;** Fanor M. Saavedra, MD; Juan Vigo, MD. Sclerosing paraganglioma of the cauda equina. A case report and review of literature.
Poster presented at the XXX Annual Forum of Investigation and Education, University of Puerto Rico Medical Sciences Campus, San Juan, PR, March 2010. (Third place award for poster presentation).
 12. Emmanuel Agosto-Arroyo, MD; Roman Velez, MD; Maria Marcos, MD; **Marie Rivera-Zengotita, MD.** Metastatic clear cell renal cell carcinoma to the tongue. *Archives of Pathology and Laboratory Medicine.* 2010 September;134(9):1382.
Poster presented at the CAP 10 Meeting, Chicago, IL, September 2010.
 13. Kelly Devers, MD, Anthony T. Yachnis, MD, **Marie Rivera-Zengotita, MD.** Analysis of IDH-1 expression to distinguish infiltrating glioma versus reactive gliosis.
Platform presentation at the 29th Annual Resident Research Symposium, Gainesville, FL, June 2011.
 14. Kelly Devers, MD, **Marie Rivera-Zengotita, MD,** Charles A. Williams, MD, Anthony Yachnis, MD. The Neuropathology of Mucopolisaccharidosis Type VII (Sly Disease): A Case Report and Review of the Literature. *Journal of Neuropath and Exp Neurol.* 2011 June;70(6):546.
Poster presented at the 87th Annual Meeting of the American Association of Neuropathologists (AANP), Seattle, WA, June 2011.
 15. Kelly Devers, MD, Anthony T. Yachnis, MD, **Marie Rivera-Zengotita, MD.** Analysis of IDH-1 expression in the gliomas: The University of Florida Experience.
Platform presentation at the 30th Annual Resident Research Symposium, Gainesville, FL, June 2012.
 16. Kelly Devers, MD, Anthony T. Yachnis, MD, **Marie Rivera-Zengotita, MD.** Mutated isocitrate dehydrogenase-1 (IDH-1) immunoreactive glioblastoma with IDH-1 negative "PNET-like" elements. *Journal of Neuropath and Exp Neurol.* 2012 June;71(6):570.
Poster presented at the 88th Annual Meeting of the American Association of Neuropathologists (AANP), Chicago, IL, June 2012.
 17. **Marie Rivera-Zengotita, MD,** Kelly Devers, MD, Guangbin Xia, MD, Ph.D, Tetsuo Ashizawa, MD, Anthony T. Yachnis, MD. Neuropathologic findings in myotonic dystrophy type 2. *Journal of Neuropath and Exp Neurol.* 2012 June;71(6):590.
Poster presented at the 88th Annual Meeting of the American Association of Neuropathologists (AANP), Chicago, IL, June 2012.
Poster presented at the University of Florida College of Medicine Celebration of Research, Gainesville, FL, March 2013.
 18. **Marie Rivera-Zengotita, MD.** Intraocular metastasis of lung cancer presenting as retinal vasculitis and retinitis.
Platform presentation at the Eastern Ophthalmic Pathology Society (EOPS) Meeting, Coral Gables, FL, October 2012.
 19. Kresak JL, Chang M, **Rivera-Zengotita M,** Yachnis AT. Metachronous Epstein-Barr Virus-associated tumors in an immunocompromised man. *Archives of Pathology and Laboratory Medicine.* 2013 October;137(10):1386.
Presented at the 31st Annual Resident Research Symposium, Gainesville, FL, June 2013.

- Poster presented at the CAP'13 Meeting, Orlando, FL, October 2013.
20. Kresak JL, **Rivera-Zengotita M**, Devers KG, Yachnis AT, Siebzehnrubl FA. Strong ZEB1 immunoreactivity in IDH1-positive infiltrating gliomas suggests a link between tumorigenic pathways. *Journal of Neuropath and Exp Neurol*. 2013 June;72(6):564.
Poster presented at the 89th Annual Meeting of the American Association of Neuropathologists (AANP), Charleston, SC, June 2013.
Presented at the 31st Annual Resident Research Symposium, Gainesville, FL, June 2013.
 21. Kresak JL, **Rivera-Zengotita M**. Utility of immunohistochemical stains for LC3 and p62 in differentiating between inclusion body myositis and polymyositis.
Platform presentation at the 32nd Annual Resident Research Symposium, Gainesville, FL, June 2014.
 22. Jesse Lee Kresak, MD, **Marie Rivera-Zengotita, MD**, Ahmed Alkhasawneh, MD, Samer Al-Quran, MD, Anthony T. Yachnis, MD. DSS Case 2014-9.
Case presented at the 55th Annual Diagnostic Slide Session, 90th Annual Meeting of the American Association of Neuropathologists (AANP), Portland, Oregon, June 2014.
 23. **Rivera-Zengotita M**, Kresak JL, Pincus D, Yachnis AT. Pediatric Brainstem Tumors with Features of Angiocentric Glioma: Report of Two Cases. *Journal of Neuropathology & Experimental Neurology*. 73(6): 634.
Poster presented at the 90th Annual Meeting of the American Association of Neuropathologists (AANP), Portland, Oregon, June 2014.
 24. Wendi O'Connor, MD, Jesse Kresak, MD, **Marie Rivera-Zengotita, MD**, Demaretta Rush, MD. Cacophony of Development: Limb Body Wall Complex. *Archives of Pathology and Laboratory Medicine*. 138(9): e103.
Poster presented at CAP 2014 Meeting, Chicago, IL, September 2014.
 25. Sushmita Nair MD, Joanne P Lagmay MD, **Marie L Rivera-Zengotita MD**, William B Slayton MD. Near Fatal Presentation of Neuro-degenerative Langerhan Cell Histiocytosis. *Pediatr Blood Cancer*. April 2015 62(S2):S64.
Poster presented at ASPHO 2015 Annual Meeting, Phoenix, AZ, May 2015.
 26. **Rivera-Zengotita M**, Kresak JL, Smith A, Pincus D, Yachnis AT. Disseminated intraventricular glioneuronal tumors: new entity or variation of a theme? *Journal of Neuropathology & Experimental Neurology*. 74(6): 608.
Poster presented at the 91st Annual Meeting of the American Association of Neuropathologists (AANP), Denver, CO, June 2015.
 27. Wendi O'Connor, MD; Demaretta Rush, MD; **Marie Rivera-Zengotita, MD**. The Invasive Mole: Defining Characteristics of Molar Pregnancy. *Archives of Pathology and Laboratory Medicine*. 139(10): e160.
Poster presented at CAP 2015 Meeting, Nashville, TN, October 2015.
 28. Yu, Kewei M.D., Ph.D.; Jiang, Nan M.D., Ph.D.; **Rivera-Zengotita, Marie L M.D.**; Xia, Guangbin M.D., Ph.D. Neurological features of Behçet's syndrome: a case series.
Poster presented at the 68th Annual Meeting of the American Academy of Neurology (AAN), Vancouver, BC, Canada, April 2016.
 29. Catherine Gonsalves MD, Maira Gaffar MD, Jennifer Reppucci DO, Jesse Kresak MD, Ashwini Esnakula MD, Ashwin Akki MD, Julia Ross MD, PhD, **Marie Rivera-Zengotita MD**. The Importance of Pathology Education after the Pre-Clinical Years: A Structured Approach to Teaching Medical Students Gynecological Pathology. *Archives of Pathology and Laboratory Medicine*. September 2018, 142(9): e195.
Platform presentation at the 36th Annual Resident Research Day Symposium, Gainesville, FL, June 2018.
Poster presentation at the 2018 CAP Annual Meeting, Chicago, IL, October 2018.

- Poster presented at the 2019 COM Research Poster Session, Gainesville, FL, February 2019.
30. Danielle Harrell DO, Melanie Zona, Sara Moscovita Falzarano MD, **Marie Rivera-Zengotita MD**. Not Your Typical “MMMT”: A Case of Primary Mesonephric Carcinosarcoma of the Uterine Cervix.
Poster presented at the 36th Annual Resident Research Day Symposium, Gainesville, FL, June 2018.
Poster presented at the Florida Society of Pathologists Annual Meeting, Orlando, FL, February 2019.
31. Gregory JA, Roper SN, Yachnis AT, **Rivera-Zengotita M**. Polymorphous low-grade neuroepithelial tumor of the young: How much is PLNTY? *J Neuropathol Exp Neurol*. June 2018 77(6):494.
Poster presented at the 94th Annual Meeting of the American Association of Neuropathologists, Louisville, KY, June 2018.
Poster presented at the 36th Annual Resident Research Day Symposium, Gainesville, FL, June 2018.
Poster presented at the 2019 COM Research Poster Session, Gainesville, FL, February 2019.
32. John Rees MD, Jason Gregory MD, **Marie Rivera MD**, Maryam Rahman MD, Ibrahim Tuna MD. Solitary Fibrous Tumour / Hemangiopericytoma: A New Diagnostic Entity.
Oral presentation at the ASNR 56th Annual Meeting, Vancouver, BC, Canada, June 2018.
33. Buse Sengul, MD, Tirisham Gyang, MD, Carlos Sollero Vervloet, MD, Jason Gregory, MD, **Marie Rivera-Zengotita, MD**, Aaron Carlson, MD. Chronic lymphocytic inflammation with pontine perivascular enhancement not responsive to steroids.
Poster presented at the American Academy of Neurology Annual Meeting, Philadelphia, PA, May 2019.
34. De Los Santos Y, **Rivera-Zengotita M**, Kresak J. Intracranial myxoid mesenchymal neoplasms with EWSR1 gene rearrangement: Report of two midline cases and review of the literature. *J Neuropathol Exp Neurol*. June 2019 78(6):564.
Poster presented at the 95th Annual Meeting of the American Association of Neuropathologists, Atlanta, GA, June 2019.
Poster presented at the 2020 COM Research Poster Session, Gainesville, FL, February 2020.
35. Trejo-Lopez J, MD, Cibula JE, MD, Roper SN, MD, **Rivera-Zengotita M, MD**. Multinodular and vacuolating neuronal tumor (MVNT) of the cerebrum: a case report and review of the literature. Abstract submitted for poster presentation at the 96th Annual Meeting of the American Association of Neuropathologists, Monterey, CA, June 2020.