*CURRICULUM VITAE* July, 2023

 **Anthony T. Yachnis, MD**

 **Professor**

**Program Director, Neuropathology Fellowship**

 **University of Florida College of Medicine**

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***Education:*** M.D., 1986, George Washington University, Washington, D.C.

M.S., 1981 (Biological Sciences/Developmental Biology), George Washington University, Washington, D.C.

B.S., 1979 (Chemistry/Biology), George Washington University

***Postgraduate Training:***

1992-1994 Neuropathology Fellow, Department of Pathology and Laboratory

Medicine, University of Florida School of Medicine, Gainesville, FL

1990-1991 Surgical Pathology Fellow, Department of Pathology and Laboratory Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA

1986-1990 Resident (AP/NP), Department of Pathology and Laboratory Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA

***Academic Appointments:***

2008-Present Professor of Pathology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida

1998-2007 Associate Professor of Pathology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida

1994-1998 Assistant Professor of Pathology and Laboratory Medicine, University of Florida College of Medicine, Gainesville, Florida

1991-1993 Lecturer and Assistant Professor in Pathology and Laboratory Medicine, Children’s Hospital of Philadelphia (U. Penn.), Philadelphia, PA

1986-1991 Assistant Instructor, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, Philadelphia, PA

***Licensure:*** FLORIDA #ME 64555 (exp. 1/31/2021)

PENNSYLVANIA #MD 043562-E (inactive)

***Board Certification:*****Anatomic Pathology**: Primary certification by the American Board of Pathology, 20 November 1991.

**Special Qualification in Neuropathology**: American Board of Pathology

31 May 1994.

***Awards, Honors & Fellowships:***

2023 - AANP Award for Meritorious Contributions to Neuropathology

2023 - UF College of Medicine Clinical Excellence Award

2021 - UF College of Medicine Exemplary Teaching Faculty

2018-2020 - University of Florida Term Professorship, UF COM

2013-2014 - President: American Association of Neuropathologists (AANP)

2012-2013 - William H. Donnelly Outstanding Educator Award, Pathology Resident Education

2010-2011 - UF College of Medicine Basic Science Teacher of the Year

2010 - Pathology Resident Educator of the Year

2009 - Most Valuable Professor in Pathology, UF College of Medicine

2007 - American Association of Neuropathologists Rubinstein Award for best paper on Neuro-Oncology - 2007 Annual Meeting with Dr. J. Qiu.

2004 - “A Shands Star” Shands HealthCare, Quality & Safety

2004 - UF College of Medicine Exemplary Teaching Faculty

2002 - University of Florida Neurology Faculty Didactic Teaching Award

2001 - Most Inspirational Professor in Pathology, UF College of Medicine

2000 - Faculty Recognition Award for Resident Teaching in Pathology

1997-1999 - Pathology Instructor of the Year, University of Florida College of Medicine, Classes of 1999, 2000, 2001

1996 - American Association of Neuropathologists Moore Award for best paper on Clinicopathologic Correlation at the 1996 Annual Meeting

1994-95 - Co-Sponsor, College of American Pathologists Scholars Award

1991-93 - Association for Brain Tumor Research Fellowship

1991 - Horatio T. Enterline Award: Surgical Pathology, U Penn.

**NATIONAL AFFILIATIONS**

***Senior Associate Editor:*** *Laboratory Investigation (July 1, 2003-July 1, 2008)*

***Associate Editor:*** *Histopathology (July 2013-2017)*

***Member of Editorial Board:*** *Journal of Neuropathol. Experimental Neurol. (1998-2003)*

***Member of Editorial Board:*** *Laboratory Investigation (July 1, 2008-2022)*

***Ad-Hoc Reviewer for Scholarly Journals:***

 *Acta Neuropathologica*

 *American Journal of Clinical Pathology*

 *Archives of Pathology and Laboratory Medicine*

 *Brain Pathology*

###  Brain Research

*Clinical Neuropathology*

 *Endocrine Pathology*

 *Histopathology*

 *Human Pathology*

 *Journal of Histochemistry and Cytochemistry*

 *Journal of Neuropathology and Experimental Neurology*

 *Modern Pathology*

 *RNA*

*Southern Medical Journal*

 *Surgical Pathology*

***National Committees and Societies*:**

2015-2023 American Board of Pathology, Test Development and Advisory Committee (ABP-TDAC)

2014-2018 Nominations Committee, American Association of Neuropathologists

2014-2018 Executive Council, American Association of Neuropathologists

2013-2014 President: American Association of Neuropathologists

2013-2017 Education Committee: US & Canadian Academy of Pathology

2012-2015 Publications Committee: US & Canadian Academy of Pathology

2009-2010 Vice President: American Association of Neuropathologists

2007-2013 Moderator, Diagnostic Slide Session (AANP)

2005-2012 Neuropathology Committee, College of American Pathologists (CAP)

2005-2010 Professional Affairs Committee of the AANP

2003-2007 *Grant Reviewer:*Children’s Brain Tumor Foundation, New York, NY 2002-2010 American Academy of Neurology Residency Examination Subcommittee

 (Neuropathology Committee Chair: 2005-2007)

2002-Present Charter Member, Diagnostic Slide Session (AANP)

1998-Present Arthur Purdy Stout Society of Surgical Pathologists

1995-Present American Association of Neuropathologists (AANP)

1994-Present Florida Medical Association

1986-Present U.S. and Canadian Academy of Pathology, Inc.

1983-Present William Beaumont Medical Society

**University of Florida Committees and Governance**

2019-2020 - Search Committee, Chair, Department of Pathology, Immunology, and Laboratory Medicine UF College of Medicine

2008-present - Program Director – Neuropathology Fellowship

2015-2020 - PI -Neuropathology Core, 1Florida Alzheimer Disease Research Center

2011-2018 - UF Medical School Admissions Committee

2016-2019 - Program Director – Pathology Residency Program

2005-2010 - UF Shands Cancer Center Grant Review Committee

2003-2006 - Member of University of Florida Faculty Senate

2001-2005 - Pathology Representative, Primary Advisory Panel, Protocol Review and Resource Utilization Committee (PRRUC)

1998-2003 - Chair, University of Florida, Pathology Dept. Clinical Research Committee

1998-2003 - Pathology Residency Committee

1997-2014 - Curriculum Committee: Systemic Pathology Course for Second Year MS

***Major Teaching Responsibilities & Experience:***

***University of Florida*:**

1993-Present - Medical student lectures and laboratory sessions in BMS 5600: Systemic Pathology and Laboratory Medicine

1995-2000 - Second year medical student coordinator for clinicopathologic case study

1993-Present - Clinical teaching of residents in Pathology, Neurology, and Neurosurgery 1995-Present - Member of Graduate Research Faculty

Ph.D. Supervisory Committees:

1. D. Blaine Moore, Neuroscience, (Dissertation Chair: M. Heaton, Ph.D.) Graduated 2000.

2. Lauren Fishbine, Pediatric Genetics (Dissertation Chair: Peggy Wallace, Ph.D.) Graduated 2005

3. Leah Vallegas, College of Pharmacy, Pharmaceutics (Dissertation Chair: Sean Sullivan, Ph.D.) Graduated 2007.

4. James Graham, Neuroscience (Dissertation Chair: David Muir, PhD) , Graduated 2015.

5. Amrutha Patamatta, Molecular Genetics and Microbiology (Dissertation Chair: Laura Ranum, PhD), Graduated: 2018.

6. Ariel Luz Walker, Neuroscience (Dissertation Chair: Jada Lewis, PhD), Graduated: 2022.

***University of Pennsylvania:***

1986-1993 Teaching Instructor: Pathology 100 and 200 Laboratory Sessions, first and second year medical students; supervision of junior pathology residents

***Publications*** *(in chronological order):*

**BOOKS:**

*“Ultimate* *Review for the Neurology Boards*” text and companion website. Edited By: Hubert Fernandez, MD, Stephan Eisenschenk, MD, **Anthony T. Yachnis**, MD, Michael S. Okun, MD. Demos Medical Publishing, C 2006, ISBN 1-888799-91-9.

*“High Yield Neuropathology”* **Anthony T. Yachnis**, Marie Rivera-Zengotita, Eds. Elsevier, Philadelphia, PA, 2014.

**BOOK CHAPTERS:**

1. **Yachnis AT**. Cerebellar Heterotopia and Dysplasia. In: *Pediatric Neuropathology*,

 B Harding, J Golden, Eds., International Society of Neuropathology, ISN Neuropathology Press, Basel, Switzerland, 2004.

## Roper, SN, **Yachnis AT**. Neuronal Heterotopia in Temporal Lobe Epilepsy: An Epiphenomenon. In: *Issues and Controversies in Epilepsy Surgery,* JW Miller, DL Silbergeld, Eds., Marcel Dekker, Inc., New York, NY, pp. 113-121, 2005.

3. **Yachnis AT**. Vascular Diseases. In: *Foundations in Diagnostic Pathology -* *Neuropathology*, RA Prayson Ed., Foundations in Neuropathology series, Elsevier, Philadelphia, PA, pp. 37-72, 2005.

4. **Yachnis AT**, Baker HV. Applications of Gene Expression Profiling to the Study of Malignant Gliomas. In: Runge M, Patterson C, eds. *The Principles of Molecular Medicine, Second Edition.*  Totowa, NJ, USA: Humana Press, 2006, pp. 760-765.

5. Rosenblum M, **Yachnis AT**. Lhermitte-Duclos Disease. In: McLendon RE, Rosenblum M, Bigner DD. eds. *Russell and Rubinstein’s Pathology of Tumors of the Nervous System, Seventh Edition.* New York: Oxford University Press, 2006, pp. 378-388.

6. **Yachnis AT**. Capillary Hemangioblastoma. In: McLendon RE, Rosenblum M, Bigner DD. eds. *Russell and Rubinstein’s Pathology of Tumors of the Nervous System, Seventh Edition.* New York: Oxford University Press, 2006, pp. 489-507.

7. Decker DA, Perry A, **Yachnis AT**. Vascular and Ischemic Brain Disorders. In: Perry A, Brat D. eds. *Practical Surgical Neuropathology*, Elsevier, Philadelphia, PA, 2010, pp. 165-184.

8. **Yachnis AT,** Perry A. Embryonal (Primitive) Neoplasms. In: Perry A, Brat D. eds. *Practical Surgical Neuropathology*, Elsevier, Philadelphia, PA, 2010, pp. 527-550.

9. **Yachnis AT**, Adesina A. Medulloblastoma. In: eMedicine – Pathology (2011).

10. **Yachnis AT**, Adesina A. Embryonal Tumors. In: eMedicine – Pathology (2011).

11. **Yachnis AT**. Vascular Diseases. In: *Foundations in Diagnostic Pathology -* *Neuropathology*, 2nd Edition, RA Prayson Ed., Foundations in Neuropathology series, Elsevier, Philadelphia, PA, 2012, pp. 40-74.

12. Muhammad M. Abd-El-Barr MD PhD1, Kristopher G. Hooten MD1, Gregory J. A. Murad MD1, **Anthony T. Yachnis** MD MS2, Jeffrey Bennett MD3, Amy Smith MD1,4, David W. Pincus MD PhD1,4 **Chapter 22 Pineal Region Tumors** In: *Tumors of the Pediatric Central Nervous System,*  Thieme Publishers, 2012.

13. Kresak JL, Rivera-Zengotita M, Foss R, **Yachnis AT**. CNS Intra-operative Consultation: A Survival Guide. In: Day C, eds. *“Histopathology: Methods and Protocols”* Methods Mol Biol 2014;1180:369-376.

14. **Yachnis AT**. Craniopharyngioma: Embryology, pathology, and molecular aspects. In: James J. Evans, Tyler J. Kenning, Eds. “Craniopharyngiomas: A Comprehensive Guide to Diagnosis, Treatment, and Outcome.” Elsevier, Oxford, UK, pp. 95-105, 2015.

15. Adesina AM, **Yachnis AT**. Medulloblastoma Pathology. Medscape Reference. Updated January 15, 2015.

16. Rivera-Zengotita M, **Yachnis AT**. Cerebellar Heterotopia and Dysplasia. In: *Pediatric Neuropathology*, *Second edition.* B Harding, J Golden, Eds., International Society of Neuropathology, ISN Neuropathology Press, Basel, Switzerland, 2018; pp. 159-166.

17. Decker DA, Perry A, **Yachnis AT**. Chapter 26: Vascular and Ischemic Brain Disorders. In: Perry A, Brat D. eds. Practical Surgical Neuropathology, volume 2, Elsevier, Philadelphia, PA, 2018, pp. 633-658.

18. **Yachnis AT**, Perry A. Chapter 12: Embryonal Neoplasms. In: Perry A, Brat D. eds. Practical Surgical Neuropathology, Volume 2, Elsevier, Philadelphia, PA, 2018, pp. 233-258.

19. **Yachnis AT**. Anatomic and Histopathological Changes in the Aging Brain. In: Heilman K, Nadeau S, eds. Cognitive Changes of the Aging Brain. Cambridge University Press, Cambridge, United Kingdom, New York, USA, 2020, pp. 5-15.

20. Rivera-Zengotita M, **Yachnis AT**. Medulloblastoma. Medscape Reference. Updated August 31, 2021.

22. Rivera-Zengotita M, **Yachnis AT**. CNS Embryonal Tumors. Medscape Reference. Updated August 31, 2021.

23. Rivera-Zengotita M, **Yachnis AT**. Vascular Diseases. In: *Foundations in Diagnostic Pathology -* *Neuropathology*, 3rd Edition, RA Prayson Ed., Foundations in Neuropathology series, Elsevier, Philadelphia, PA, 2024, pp. 40-76.

24. Goutnik M, Dodd W, Small C, Laurent D, **Yachnis A**, Hoh B. Chapter 2: Pathology and Genetics. In: *Intracranial Arteriovenous Malformations,* Elsevier, Philadelphia, PA, 2023, pp. 21-29.

**JOURNAL ARTICLES:**

1. **Yachnis AT**, Mescher AL: Stimulation of DNA synthesis in BALB/c 3T3 cells by peripheral nerve degenerating in vitro. *Exp Neurol* 76:139-149, 1982.

2. **Yachnis AT**. Mitogenic effect of myelinated versus unmyelinated garfish nerve extracts. *Brain Res* 253:349-352, 1982.

3. **Yachnis AT**, Crawley RT, Jensen M, McGrane M, Moody T. The antagonism of bombesin in the CNS by substance P analogues. *Life Sci* 35:1963-1969, 1984.

4. **Yachnis AT**, Trojanowski JQ, Memmo M, Schlaepfer WW. Expression of neurofilament proteins in the hypertrophic granule cells of Lhermitte-Duclos disease: an explanation for the mass effect and the myelination of parallel fibers in the disease state. *J Neuropath Exp Neurol* 47:206-216, 1988.

5. Korat O, **Yachnis AT**, Ernst CS. Cytologic detection of amyloid in duodenal and ureteral brushings. *Diag Cytopathol* 4:133-136, 1988.

6. Raps EC, Galetta SL, King Jr JT, **Yachnis AT**, Flamm ES. Isolated one-and-a half syndrome with pontine cavernous angioma: successful surgical removal. *J Clin Neuroophthal* 10(4):287-290, 1990.

7. Cohen JA, **Yachnis AT**, Arai M, Davis JG, Scherer SS. Expression of the *neu* protooncogene by Schwann cells during peripheral nerve development and Wallerian degeneration. *J Neurosci Res* 31:622-634, 1992.

8. **Yachnis AT**, Rorke LB, Biegle JA, Zimmerman RA, Perilongo G, Sutton L. Desmoplastic primitive neuroectodermal tumor of divergent differentiation: broadening the spectrum of desmoplastic infantile neuroepithelial tumors. *Am J Surg Pathol*  16:998-1006, 1992.

9. Mourelatos Z, **Yachnis AT**, Rorke LB, Mikol J, Gonatas NK. On the "fragmentation" of the golgi apparatus of neurons in amyotrophic lateral sclerosis, other motor neuronopathies, and in one case of mitochondrial myopathy with cytochrome C oxidase deficiency. *Ann Neurol*  33:608-615, 1993.

10. Shaver E, Rabsemen S, **Yachnis AT**, Sutton L. Sinus histiocytosis with massive lymphadenopathy: extranodal presentation in the cavernous sinus of a four year old boy. *J Neurosurg*  79:769-773, 1993.

1. Torres C, **Yachnis AT**, Rebsamen S. Ganglioglioma. *Med Pediatr Oncol*  21:511-516, 1993.
2. **Yachnis AT**, Rorke LB, Lee VMY, Trojanowski JQ. Expression of neuronal and glial polypeptides during histogenesis of the human cerebellar cortex including observations on the dentate nucleus. *J Comp Neurol*  334:356-369, 1993.

13. Trojanowski JQ, Fung KM, Rorke LB, Tohyama T, **Yachnis AT**, Lee VMY. In vivo and in vitro models of medulloblastomas and other primitive neuroectodermal brain tumors of childhood. *Molec Chem Neuropathol*  21:219-238, 1994.

1. Sinson G, Sutton LN, **Yachnis AT**, Duhaime AC, Schut L. Subependymal giant cell astrocytoma in children. *Pediatr Neurosurg*  20:233-239, 1994.
2. **Yachnis AT**, Rorke LB, Trojanowski JQ. Cerebellar dysplasias in humans: development and possible relationship to glial and primitive neuroectodermal tumors of the cerebellar vermis. *J Neuropathol Exp Neurol*  63:61-71, 1994.

16. Duhaime AC, Gennarelli LM, **Yachnis AT**. Acute subdural hematoma: is the blood toxic itself? *J Neurotrauma*  11:669-678, 1994.

17. **Yachnis AT**, Trojanowski JQ. Studies of childhood brain tumors using immunohistochemistry and microwave technology: methodological considerations. *J Neurosci Meth*  55:151-200, 1994.

18. Janss A, Hiehle JF, **Yachnis AT**. Neurofibromatosis type I. *Med Pediatr Oncol*  25:213-222, 1995.

19. Manhoff DT, Rorke LB, **Yachnis AT**. Primary intracranial atypical teratoid/rhabdoid tumor in a child with Canavan disease. *Pediatr Neurosurg*  22:214-222, 1995.

20. Powell SZ, **Yachnis AT**, Rorke LB, Rojiani AR, Eskin TA. Divergent differentiation in pleomorphic xanthoastrocytoma: evidence for a neuronal element and possible relationship to ganglion cell tumors. *Am J Surg Pathol*  20:379-387, 1995.

21. DiPaolo DP, Zimmerman RA, Rorke LB, Zackai EH, Bilaniuk LT, **Yachnis AT**. Neurofibromatosis type I: pathologic substrate of high signal foci in the brain. *Radiology* 195:721-724, 1995.

1. Mitchell D, Rojiani AM, Richards D, **Yachnis AT**, Powell SZ. Congenital CNS primitive neuroectodermal tumor: case report and review of the literature. *Pediatr Pathol Lab Med* 15:949-956, 1995.

23. Molloy P, Sutton L, **Yachnis AT**, Rabsamen S. Brainstem neoplasms. *Med Pediatr Oncol*  24:379-387, 1995.

24. **Yachnis AT**, Berg J, Martinez-Salazar A, Bender BS, Diaz L, Rojiani AM, Eskin TA, Orenstein JM. Disseminated microsporidiosis involving the CNS, heart, and kidneys: report of a newly recognized pansporoblastic species in two symptomatic AIDS patients. *Am J Clin Pathol*  106:535-543, 1996.

25. Molloy PT, **Yachnis AT**, Rorke LB, Dattilo JJ, Needle M, Millar W, Goldwein JW, Sutton L, Phillips PC. Central nervous system medulloepithelioma: a series of eight cases including two arising in the pons. *J Neurosurg* 84:430-436, 1996.

26. Janss AJ, **Yachnis AT**, Silber JH, Perolongo G, Molenaar WM, Rorke LB, Lee VMY, Trojanowski JQ, Tohyama T, Sutton LN, Lange B, Phillips PC. Glial differentiation predicts poor clinical outcome in primitive neuroectodermal tumor-medulloblastoma.

*Ann Neurol*  39:481-489, 1996.

27. Adair JC, Schwartz RL, Eskin TA, **Yachnis AT**, Heilman KM. Rapidly progressive dementia: Clinicopathologic correlation. *J Geriatr Psychiat Neurol* 9:209-213, 1996.

28. **Yachnis AT**, Powell SZ, Olmsted JJ, Eskin TA. Distinct neurodevelopmental patterns of bcl-2 and bcl-x polypeptide expression are altered in glioneuronal hamartias of the temporal lobe. *J Neuropathol Exp Neurol*  56:180-192, 1997.

29. Orenstein JM, Gaetz HP, **Yachnis AT**, Frankel SS, Mertens RB, Didier ES. Disseminated microsporidiosis in AIDS: are any organs spared? *AIDS* 11:385-386, 1997.

30. Perry A, Giannini C, Scheithauer BW, Rojiani AM, **Yachnis AT**, Seo IS, Johnson PC, Kho J, Shapiro S. Composite pleomorphic xanthoastrocytoma and ganglioglioma: report of four cases and review of the literature. *Am J Surg Pathol* 21:763-771, 1997.

31.Maria BL, Hoang KBN, Tusa RJ, Mancuso AA, Hamed LM, Quilsing RG, Hove MT, Fennell EB, Booth-Jones M, Ringdahl DM, **Yachnis AT**, Creel G, Frerking B. "Joubert syndrome" revisited: key ocular motor signs with MRI correlation. *J Child Neurol* 12:423-430, 1997.

1. **Yachnis AT**. Neuropathology of pediatric brain tumors. *Semin Pediatr Neurol*4:282- 291, 1997.

33. **Yachnis AT**, Giovanini MA, Eskin TA, Reier PJ, Anderson DK. Developmental patterns of bcl-2 and bcl-x polypeptide expression in the human spinal cord.  *Exp Neurol*150:82-97, 1998.

34. Vavra J, **Yachnis AT**, Shadduck JA, Orenstein JM. Microsporidia of the genus *Trachipleistophora* - causative agents of human microsporidiosis: Description of *Trachipleistophora anthropophthera* N. Sp. (Protozoa: Microsporidia). *J Eukaryot Microbiol*45:273-283, 1998.

35. Vavra J, **Yachnis AT**, Canning EU, Curry A, Shadduck JA, Orenstein JM. A *Trachipleistophora*-like microsporidium of man: its dimorphic nature and relationship to *Thelohania apodemi*. *Folia Parasitologica* 45:157-162, 1998.

36. Juul SE, **Yachnis AT**, Christensen RD. The tissue distribution of Epo and Epo-R in the developing human fetus. *Early Human Devel* 52:235-249, 1998.

37. **Yachnis AT,** Neubauer D, Muir D.Characterization of a primary central nervous system atypical teratoid/rhabdoid tumor and derivative cell line: immunophenotype and neoplastic properties. *J Neuropathol Exp Neurol* 57:961-971, 1998.

38. **Yachnis AT**, Faunce WH, Glasser RS, Fessler RG. An ossifying fibromyxoid tumorof the dura: microcystic meningioma in disguise? *Neuro-Orthopedics*  24:13-19, 1998.

39. Juul SE, **Yachnis AT**, Rojiani AM, Christensen RD. Immunohistochemical localization of erythropoietin and its receptor in the developing human brain. *Pediatr Devel Pathol*  2:148- 158, 1999.

40. Maria-BL, Quisling-RG, Rosainz LC, **Yachnis AT**, Gitten J, Dede D, Fennell-E. Molar tooth sign in Joubert syndrome: clinical, radiologic, and pathologic significance. *J Child Neurol* 14:368-76, 1999.

41. **Yachnis AT**, Rorke LB. Cerebellar and brainstem development: An overview in relationship to Joubert syndrome. *J Child Neurol* 14:570-573, 1999.

42. **Yachnis AT**, Rorke LB. Neuropathology of Joubert syndrome. *J Child Neurol* 14:655-659, 1999.

43. **Yachnis AT**, Roper SN, Love A, Fancey JT, Muir D. Bcl-2 immunoreactive cells with immature neuronal phenotype exist in the non-epileptic adult human brain. *J Neuropathol Exp Neurol* 59:113-119, 2000.

1. Lu L, Wilkinson EJ, **Yachnis AT**. CSF cytology of atypical teratoid/rhabdoid tumor of the brain: a case report. *Diagnostic Cytopathol* 23:329-332, 2000.
2. Muir D, Neubauer D, Lim I, **Yachnis AT**, Wallace M. Tumorigenic properties of neurofibroma-deficient neurofibroma Schwann cells. *Am J Pathology* 158:501-513, 2001.
3. Knapik J, **Yachnis AT**, Ripley D, Biegel JA, Rathor S, Hardt NS, Talerman A, Wilkinson EJ. Aggressive uterine sarcoma with rhabdoid features: diagnosis by peritoneal cytology and absence of INI1 gene mutation by FISH. *Human Pathol* 32:884-886, 2001.
4. **Yachnis AT.**  Rhombencephalosynapsis with massive hydrocephalus: case report and pathogenetic considerations. *Acta Neuropathol*  103:301-304, 2002.
5. Roper S, **Yachnis AT.** Cortical dysgenesis and epilepsy. *The Neuroscientist* 8:358-373, 2002
6. Rossi FH, Okun M, **Yachnis AT**, Quisling R, Triggs WJ. Corticosteroid treatment in mitochondrial encephalopathies. *The Neurologist* 2002;8(5):313-5.
7. **Yachnis AT.** Intra-operative consultation for nervous system lesions. *Semin Diagn Pathol* 19:192-206, 2002.
8. Padgett KR, Maria BL, **Yachnis AT**,Blackband SJ. Ex vivo high resolution MRI of the brain in Joubert syndrome. *J Child Neurol* 17:910-912, 2003.
9. Martinez-Diaz, H, Kleinschmidt-DeMasters BK,Powell SZ, **Yachnis AT**. Giant cell glioblastoma and pleomorphic xanthoastrocytoma show distinct immunohistochemical profiles for neuronal antigens and TP53 but share common reactivity for class III β tubulin. *Arch Pathol Lab Med* 127:1187-1191, 2003.
10. Werner D, Wilkinson EJ, Ripley D, **Yachnis AT**. Primary adenocarcinoma of the vagina with mucinous-enteric differentiation. A report of two cases with associated vaginal adenosis without history of DES exposure. *J Dis Lower Gen Tract* 8:38-42, 2004.
11. Ulm AJ, **Yachnis AT**, Brat DJ, Rhoton A. Pituicytoma: A report of two cases with clinicopathologic correlation and histogenetic perspective. *Neurosurgery* 54:753-7, 2004. discussion 757-8.

1. Kleinschmidt-DeMasters BK, Yachnis AT. In Reply. *Arch Pathol Lab Med.* 2004 Apr;128(4):392-393.
2. Cogle CR, **Yachnis AT**, Laywell ED, Zander DS, Wingard JR, Steindler DA, Scott EW. Bone marrow transdifferentiation in brain after transplantation: a retrospective study. *Lancet*. 363(9419):1432-1437, 2004
3. Fujita S, Kushihata F, **Yachnis AT**, Winter W, Schell S. Gastrointestinal: Symptomatic pelvic mass*. J Gastroenterol Hepatol* 19:826, 2004
4. Grier DD, **Yachnis AT.** Secondary leptomeningeal sarcomatosis. *Arch Pathol Lab Med*. 128:1303-4, 2004.

59. Katz T, Amdur R, **Yachnis AT**, Mendenhall WM, Morris CG. Pushing the limits of radiotherapy for atypical and malignant meningioma. *Am J Clin Oncol*. 2005;28:70-4.

60. Abel TW, Baker SJ, Fraser MM, Tihan T, Nelson JS, **Yachnis AT**, Bouffard J, Mena H, Burger PC, Eberhart CG. Lhermitte-Duclos Disease: a Report of 31 Cases with Immunohistochemical Analysis of the PTEN/AKT/mTOR Pathway. *J Neuopathol Exp Neurol*. 2005;64:341-9.

61. Werner M, Bhatti MT, Vaishnav H, Pincus DW, Eskin T, **Yachnis AT**. Isolated anisocoria from an endodermal cyst of the third cranial nerve mimicking an Adie's tonic pupil. *J Pediatr Ophthalmol Strabismus*. 2005;42:176-9.

62. Muehlschlegel S, Okun MS, Foote KD, Coco D, **Yachnis** **AT**, Fernandez HH. Paraneoplastic chorea with leukoencephalopathy presenting with obsessive compulsive and behavioral disorder. *Movement Disorders* 2005;20:1523-7.

63. Saxonhouse MA, **Yachnis AT**, Burchfield DJ, Quisling R, Sullivan MP, Pincus DW. Neonatal hypothalamic hamartoma: a differentiating non-lethal “hamartoblastoma”. *J Neurosurg.* 2005;103:277-81.

64. Tu PH, Giannini C, JudkinsAR, Schwalb JM, Burack R, O’NeillBP, **Yachnis****AT**, BurgerPC, ScheithauerBW, PerryA. Marginal Zone Lymphoma of the CNS: A Clinicopathologic and Genetic Study of 15 Cases. *J Clin Oncol* 23:5718-27, 2005.

65. Judkins AR, Burger PC, Hamilton RL, Kleinschmidt-DeMasters B, Perry A, Pomeroy SL, Rosenblum MK, **Yachnis AT**, Zhou H, Rorke LB, Biegel JA. INI1 protein expression distinguishes atypical teratoid/rhabdoid tumor from choroid plexus carcinoma. *J Neuropathol Exp Neurol.* 2005;64:391-7.

66. David W. Pincus, M.D., Ph.D., Erich O. Richter, M.D., **Anthony T. Yachnis**, M.D., Jeffrey Bennett, M.D., Bhatti T, Smith A. Brainstem stereotactic biopsy sampling in children. *J Neurosurg* 2006;104:108-114.

67. Swinson BM, Friedman WA, **Yachnis AT**. Pontine atypical neurocytoma: Case report and review of the literature. *Neurosurgery* 2006;58:990-997 ([www.neurosurgery-online.com](http://www.neurosurgery-online.com))

68. Liauw SL, Byer JE, **Yachnis, AT**. Amdur RJ, Mendenhall WM. Radiotherapy after subtotally resected or recurrent ganglioglioma.  *Int J Radiat Oncol Biol Phys*. 2007;67(1):244-7.

69. [Perrin GQ, Fishbein L, Thomson SA, Thomas SL, Stephens K, Garbern JY, Devries GH, **Yachnis AT**, Wallace MR, Muir D.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17335073&query_hl=1&itool=pubmed_docsum) Plexiform-like neurofibromas develop in the mouse by intraneural xenograft of an NF1 tumor-derived Schwann cell line. J Neurosci Res. 2007;85(6):1347-57.

70. Fishbein L, Zhang X, Fisher LB, Li H, Campbell-Thompson M, **Yachnis AT**, Rubenstein A, Muir D, Wallace MR. *In Vitro* Studies of Steroid Hormones in Neurofibromatosis 1 Tumors and Schwann Cells.  *Mol Carcinog* 2007;46(7):512-23.

71. ShepherdTM, ÖzarslanE, **Yachnis AT**, KingMA, BlackbandSJ. Diffusion Tensor Microscopy Indicates the Cytoarchitectural Basis for Diffusion Anisotropy in the Human Hippocampus.  *Am J Neuroradiol* 2007;28:958-964.

72. Perrin GQ, Fishbein L, Li H, Thompson SA, Hwang MS, Scarborough MT, **Yachnis AT**, Wallace MR, Mareci TH, Muir D. An orthotopic xenograft model of intraneural NF1 MPNST suggests a potential association between steroid hormones and tumor cell proliferation. *Lab Invest* 2007;87(11):1092-102.

73. [Brower JV, Rodic N, Seki T, Jorgensen M, Fliess N, **Yachnis AT**, McCarrey JR, Oh SP, Terada N.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17681941&ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Evolutionarily conserved mammalian adenine nucleotide translocase 4 is essential for spermatogenesis.
*J Biol Chem* 2007;282(40):29658-66.

74. Walters H, Lewis E, Wolper R, **Yachnis AT**, Green J, Lewis S. Neurotropic melanoma of the trigeminal nerve: a case of atypical facial pain. *J Oral Maxillofac Surg* 2008;66(3):547-50.

75. Parisi JE, Miller DV, Boyer PJ, Brat DJ, Cochran EJ, Cohen ML, DeMasters BK, Dolinak D, McComb RD, McLendon RE, Powell SZ, Prayson RA, Vinters HV, **Yachnis AT**. Protocol for the examination of specimens from patients with tumors of the brain/spinal cord. *Arch Pathol Lab Med* 2008;132:907-912.

76. Brat DJ, Parisi JE, DeMasters BK, **Yachnis AT**, Montine TJ, Boyer PJ, Powell SZ, Prayson RA, McLendon RE. Surgical neuropathology update: A review of the changes introduced by the *WHO Classification of Tumors of the Central Nervous System*, 4th Edition. *Arch Pathol Lab Med* 2008;132:993-1007.

77. Qiu J-X, Ai L, Ramachandran C, Yao B, Gopalakrishnan S, Fields CR, Delmas AL, Dyer LM, Melnick SJ, **Yachnis AT**, Schwartz PH, Fine HA, Brown KD, Robertson KD. Invasion suppressor cystatin E/M (CST6): high-level cell type specific expression in normal brain and epigenetic silencing in brain tumors. *Lab Invest* 2008;88:910-925.

78. Dequesada IM, Quisling RG, **Yachnis AT**, Friedman, WA. Can standard magnetic resonance imaging reliably distinguish recurrent tumor from radiation necrosis after radiosurgery for brain metastases? - A radiographic - pathologic study. *Neurosurgery* 2008;63:898-903.

79. Crawford JM, Ketcham CM, Braylan R, Morel L, Terada N, Turner JR, **Yachnis AT**. The publishing game: reflections of an editorial team. *Lab Invest* 2008;88:1258-1263.

80. Shepherd TM, Flint J, Thelwall P, Staniz G, Mareci T, **Yachnis AT**, Blackband S. Postmortem interval alters the water relaxation and diffusion properties of rat nervous tissue - Implications for MRI studies of human autopsy samples. *Neuroimage.* 2009;44:820-6.

81. Laughlin KM, Luo D, Liu C, Shaw GPJ, Warrington KH, Qiu JX, **Yachnis AT**, Harrison JK. Hematopoietic- and neurologic-expressed sequence 1 expression in the murine GL261 and high grade human gliomas. *Pathol Oncol Res* 2009;15(3):437-44.

82. Decker DA, Falchook AD, **Yachnis AT**, Waters MF. Radiographic and pathological findings in an atypical brainstem variant of reversible posterior leukoencephalopathy syndrome. *Neurologist*. 2009;15:364-6.

83. **Yachnis AT**, Roth HL, Heilman KM. Fragile X dementia-Parkinson’s Syndrome (FXDPS). *Cogn Behav Neurol* 2010;23:39-43.

84. Dunbar E, **Yachnis AT**. Glioma diagnosis: Immunohistochemistry and beyond. *Adv Anat Pathol* 2010;17:187-201 .

85. Vedam-Mai V, Krock N, Ullman M, Foote KD, Shain W, Smith K, **Yachnis AT**, et al. The national DBS brain tissue network pilot study: need for more tissue and more standardization. *Cell Tissue Bank* 2011; 12(3):219-31.

86. Ullman M, Vedam-Mai V, Krock N, Sudhyadhom A, Foote KD, **Yachnis AT**, Merritt S, Resnick AS, Zeilman P, Okun MS. [A pilot study of human brain tissue post-magnetic resonance imaging: Information from the National Deep Brain Stimulation Brain Tissue Network (DBS-BTN).](http://www.ncbi.nlm.nih.gov/pubmed/20849960) *Neuroimage*. 2011 Jan;54 Suppl 1:S233-7.

87. Abd-El. Barr MM, Wu B, Rahman M, **Yachnis AT**, Roper SN, Eisenschenk S. Atypical Rasmussen’s encephalitis treated with temporal lobectomy. *J Clin Neurosci.* 2011;18:287-90.

88. Flotte TR, Trapnell BC, Humphries M, Carey B, Calcedo R, Rouhani F, Campbell-Thompson M, **Yachnis AT**, Sandhaus RA, McElvaney NG, Mueller C, Messina LM, Wilson JM, Brantly M, Knop DR, Ye GJ, Chulay JD. Phase 2 clinical trial of recombinant adeno-associated viral vector expressing (1)-antitrypsin: Interim results. *Hum Gene Ther* 2011;22:1239-1247. Aug 24 (E-pub ahead of print)

89. Fargen KM, Opalach KJ, Wakefield D, Jacob RP, **Yachnis** AT, Lister JR. The central nervous system solitary fibrous tumor: A review of clinical, imaging and pathologic findings among all reported cases from 1996-2010. *Clin Neurol Neurosurg* 2011;113:703-710. doi: 10.1016/j.clineuro.2011.07.024. Epub 2011 Aug 26. PMID: 21872387

90. Ullman M, Vendam-Mai V, Resnick AS, **Yachnis AT**, McFarland NR, Merritt S, Zeilman P, Foote KD, Okun MS. Deep brain stimulation response in pathologically confirmed cases of multiple system atrophy. *Parkinsonism Relat Disord* 2012;18:86-88. doi: 10.1016/j.parkreldis.2011.09.008. Epub 2011 Oct 7.

 PMID: 21983018

91. Fargen KM, Lin CS, Jeung JA, **Yachnis** AT, Jacob RP, Velat GJ. Vertebral Brown Tumors Causing Neurologic Compromise. *World Neurosurg.* 2013;79:1 Article Number: 208.e1   DOI: 10.1016/j.wneu.2010.02.022   PMID: 22100293

92. Vedam-Mai V, **Yachnis AT**, Ullman M, Javedan SP, Okun MS. [Postmortem observation of collagenous lead tip region fibrosis as a rare complication of DBS.](http://www.ncbi.nlm.nih.gov/pubmed/22314706) *Mov Disord.* 2012;27:565-569. Feb 7. doi: 10.1002/mds.24916. PMID: 22314706

93. Wang, S, Okun MS, Suslov O, Zheng T, McFarland NR, Vedam-Mai CV, Foote KD, Roper SN, **Yachnis AT**, Siebzehnrubl F, Steindler DA. Neurogenic Potential of Progenitor Cells Isolated from Post-mortem Human Parkinsonian Brains. *Brain Research* 2012;1464:61-72. doi: 10.1016/j.brainres.2012.04.039. Epub 2012 Apr 27. PMID: 22652067

94. Rivera-Zengotita M, **Yachnis AT**. Glioma vs. gliosis: Don’t grade until you know. *Adv Anat Pathol* 2012;19:239-249.

95. Lusis E, Scheithauer BW, **Yachnis AT**, Chicoine MR, Paulus W, Perry A. Meningiomas in Pregnancy: A Clinicopathologic Study of 17 Cases. *Neuro-Oncol* 2012;71:951-961. doi:10.1227/ NEU.0b013e31826adf65. PMID: 22843130

96. Hedna VS, Patel A, Bidari S, Elder M, Hoh BL, **Yachnis AT**, Waters MF. Takayasu’s arteritis: Is it a reversible disease? Case report and literature review. *Surg Neurol Int* 2012;3:132 (Open access)

97. Siebzehnrubl FA, Silver DJ, Tugertimur B, Deleyrolle LP, Siebzehnrubl D, Sarkisian MR, Devers KG, **Yachnis AT**, Kupper MD, Neal D, Nabilsi NH, Kladde MP, Suslov O, Brabletz S, Brabletz T, Reynolds BA, Steindler DA. The ZEB1 pathway links glioblastoma initiation, invasion and chemoresistance. *EMBO Molecular Medicine* 2013;5:1196-1212. July 1. Doi: 10.1002/emmm.201302827. PMID: 23818228

98. Xia G, McFarland KN, Wang K, Sarkar PS, **Yachnis** AT, Ashizawa T. Purkinje cell loss is the major brain pathology of spinocerebellar ataxia type 10. *J Neurol Neurosurg Psychiatry* 2013 Dec;84(12):1409-11. doi: 10.1136/jnnp-2013-305080. Epub 2013 Jun 29. PMID: 23813740

99. Wieland A, Trageser D, Gogolok S, Reinartz R, Höfer H, Keller M, Leinhaas A, Schelle R, Normann S, Klaas L, Waha A, Koch P, Fimmers R, Pietsch T, **Yachnis AT**, Pincus D, Steindler DA, Brüstle O, Simon M, Glas M, Scheffler B. Anticancer effects of niclosamide in human glioblastoma. *Clin Cancer Res,* 2013;19:4124-4136. doi: 10.1158/1078-0432.CCR-12-2895. PMID: 23908450

100. Silver DJ, Siebzehnrubl FA, Schildts MJ, **Yachnis AT**, Smith GM, Smith AA, Scheffler B, Reynolds BA, Silver J, Steindler DA. Chondroitin sulfate proteoglycans potently inhibit invasion and serve as a central organizer of the brain tumor microenvironment. *J Neurosci* 2013;33:15603-15617. doi: 10.1523/JNEUROSCI.3004-12.2013. PMID: 24068827

101. Kresak, JL, Roper SN, **Yachnis AT**. Lhermitte-Duclos disease: Circumscribed cerebellar cortical overgrowth with granule cell hypertrophy and altered PTEN/mTOR signaling. *Pathol Case Rev* 2013;18:(Nov/Dec 2013)

102. Brennan CW, Verhaak RG, McKenna A, et al. The somatic genomic landscape of glioblastoma. *Cell* 2013 Oct 10;155(2):462-77. doi: 10.1016/j.cell.2013.09.034. PMID: 24120142

103. Mueller C, Chulay JD, Trapnell BC, Humphries M, Carey B, Sandhaus RA, McElvaney NG, Messina L, Tang Q, Rouhani FN, Campbell-Thompson M, Fu AD, **Yachnis A**, Knop DR, Ye GJ, Brantly M, Calcedo R, Somanathan S, Richman LP, Vonderheide RH, Hulme MA, Brusko TM, Wilson JM, Flotte TR. [Human T reg responses allow sustained recombinant adeno-associated virus-mediated transgene expression.](http://www.ncbi.nlm.nih.gov/pubmed/24231351) *J Clin Invest*. 2013;123:5310-5318. Nov 15. doi:pii: 70314. 10.1172/JCI70314. PMID: 24231351

104. Vedam-Mai V, Gardner B, Okun MS, Siebzehnrubl FA, Kam M, Aponso P, Steindler DA, **Yachnis** AT, Neal D, Oliver BU, Rath SJ, Faull RL, Reynolds BA, Curtis MA. [Increased precursor cell proliferation after deep brain stimulation for Parkinson's disease: a human study.](http://www.ncbi.nlm.nih.gov/pubmed/24594681) *PLoS One.* 2014 Mar 3;9(3):e88770. doi: 10.1371/journal.pone. 0088770. eCollection 2014. PMID:24594681

105. Xu J, Yachnis AT, Malaty I. An independent elderly woman with rapid onset of coma. *JAMA Neurology* Jun 16. doi: 10.1001/jamaneurol.2014.449. [Epub ahead of print], 2014. PMID: 24935802

106. Lu L, Drew PA, Yachnis AT. Hemangioblastoma in the lung: metastatic or primary lesions? *Case Rep Pathol.* 2014;2014:468671. doi: 10.1155/2014/468671. Epub 2014 Dec 14. PMID: 25574414

107. Kresak JL, Burt MJ, Rivera-Zengotita M, **Yachnis AT**. Inadvertent intrathecal vincristine administration with widespread axonal injury demonstrated by amyloid precursor protein immunohistochemistry. *Acad Forensic Pathol* 2014;4:563-567. (Dec. 2014)

108. Nair S, Fort JA, **Yachnis** AT, Williams CA. Optic nerve pilomyxoid astrocytoma in a patient with Noonan syndrome. *Pediatr Blood Cancer.* 2015 Jan 13. doi: 10.1002/pbc.25382 PMID: 25585602

109. Kresak JL, Fargen KM, **Yachnis AT**, Blackburn S. 59 year old female with cerebellopontine angle hemorrhage. *Brain Pathol.* 2015 Mar;25(2):229-30. doi: 10.1111/bpa.12244. PMID: 25677066

110. Chen H, Zheng D, Ambadapadi S, Davids J, Ryden S, Samy H, Bartee M, Sobel E, Dai E, Liu L, Macaulay C, **Yachnis** **A**, Weyand C, Thoburn R, Lucas A. [Serpin Treatment Suppresses Inflammatory Vascular Lesions in Temporal Artery Implants (TAI) from Patients with Giant Cell Arteritis.](http://www.ncbi.nlm.nih.gov/pubmed/25658487) *PLoS One.* 2015 Feb 6;10(2):e0115482. doi: 10.1371/journal.pone.0115482. eCollection 2015. PMID: 25658487

111. Banez-Coronel M, Ayhan F, Tarabochia AD, Zu T, Perez BA, Khoramian Tusi S, Pletnikova O, Borchelt DR, Ross CA, Margolis RL, **Yachnis AT**, Troncoso JC, Ranum LPW. RAN Translation in Huntington disease. *Neuron* 2015; Nov 18;88(4):667-77. doi: 10.1016/j.neuron.2015.10.038. PMID: 26590344

112. Xu G, Ran Y, Fromholt SE, Fu C, **Yachnis AT**, Golde TE, Borchelt DR. Murine Aβ over-production produces diffuse and compact Alzheimer-type amyloid deposits. *Acta Neuropathol Comm* 2015 Nov 14;3(1):72. doi: 10.1186/s40478-015-0252-9. PMID: 26566997

113. Liu Y, Pattamatta A, Zu T, Reid T, Bardhi O, Borchelt D, **Yachnis AT**, Ranum LPW. C9orf72 BAC mouse model with motor deficits and neurodegenerative features of ALS/FTD. *Neuron* 2016 May 4;90(3):521-34. doi: 10.1016/j.neuron.2016.04.005. Epub 2016 Apr 21. PMID: 27112499

114. Vedam-Mai V, Martinez-Ramirez D, Hilliard JD, Carbunaru S, **Yachnis AT**, Bloom J, Keeling P, Awe L, Foote KD, Okun MS. POST-MORTEM FINDINGS IN HUNTINGTON’S DEEP BRAIN STIMULATION: A MOVING TARGET DUE TO ATROPHY. *Tremor and Other Hyperkinetic Movement Disorders* (N Y). 2016 Apr 27;6:372. doi: 10.7916/D8ZP462H. eCollection 2016.

115. Hooten KG, Oliveria SF, Sadramelli SS, Gandhi S, **Yachnis AT**, Lewis SB. Bilateral internal auditory canal gangliogliomas mimicking neurofibromatosis type II. *Surg Neurol Int* 2016 Apr 13;7:39. doi: 10.4103/2152-7806.180300. eCollection 2016.

116. Gonzalez A, Jennings E, Vaziri S, **Yachnis** AT, Kubal A. Second report of *Nocardia bejinensis* infection in the United States: nodular scleritis with in vitro imipenem resistance. Digit J Ophthalmol. 2016 Aug 10;22(3):62-66. doi: 10.5693/djo.02.2016.01.003. eCollection 2016. PMID: 28924404

117. Reinartz R, Wang S, Kebir S, Silver D, Anja W, Zheng T, Küpper M, Rauschenbach L, Fimmers R, Shepherd T, Trageser D, Till A, Schäfer N, Glas M, Hillmer A, Cichon S, Smith A, Pietsch T, Liu Y, Reynolds B, **Yachnis A**, Pincus D, Simon M, Brüstle O, Steindler D, Scheffler B. Functional subclone profiling for prediction of treatment-induced intra-tumor population shifts and discovery of rational drug combinations in human glioblastoma. *Clin Cancer Res*. 2017 Jan 15;23(2):562-574. *doi: 10.1158/1078-0432.CCR-15-2089.*

 *PMID: 27521447*

118.Mueller C, Gernoux G, Gruntman AM, Borel F, Reeves EP, Calcedo R, Rouhani FN, **Yachnis** A, Humphries M, Campbell-Thompson M, Messina L, Chulay JD, Trapnell B, Wilson JM, McElvaney NG, Flotte TR.

5 [Year Expression and Neutrophil Defect Repair after Gene Therapy in Alpha-1 Antitrypsin Deficiency.](https://www.ncbi.nlm.nih.gov/pubmed/28408179)

*Mol Ther. 2017* 25:1387-1394.  *doi: 10.1016/j.ymthe.2017.03.029.*

119. Zu T, Cleary JD, Liu Y, Bañez-Coronel M, Bubenik JL, Ayhan F, Ashizawa T, Xia G, Clark HB, **Yachnis** AT, Swanson MS, Ranum LPW. RAN translation regulated by muscleblind proteins in myotonic dystrophy type 2. *Neuron*. 2017 Sep 13;95(6):1292-1305.e5. doi: 10.1016/j.neuron.2017.08.039. PMID:28910618

120. Watanabe N, Santostefano KE, **Yachnis AT**, Terada N. A pathologist’s perspective on induced pluripotent stem cells. *Lab Invest*. 2017 97:1126-1132, 2017 Jul 31. doi: 10.1038/labinvest.2017.81. [Epub ahead of print]

121. Beba Abadal K, Walsh MA, **Yachnis AT**, Tran DD, Ghiaseddin AP. Eleven month progression free survival on vemurafenib monotherapy in a patient with recurrent BRAF V600E mutated metastatic glioblastoma WHO Grade IV. *JCO Precision Oncology* DOI: 10.1200/PO.17.00055 *-* published online August 16, 2017

122. Beal SG, Kresak JL, **Yachnis** AT [Pathology Residents Comprise Inspection Team for a CAP Self-Inspection.](https://www.ncbi.nlm.nih.gov/pubmed/28725788) *Acad Pathol*. 2017 Mar 29;4:2374289517699230. doi: 10.1177/2374289517699230. eCollection 2017 Jan-Dec.

123. Walsh M, Hamilton W, Castler V, **Yachnis AT**. An Incidental Diffuse Midline Glioma Found at Autopsy. *J Forensic Sci*. 2018 Jan;63(1):316-317. doi: 10.1111/1556-4029.13540. Epub 2017 May 16.

124. Vendam-Mai V, Rodgers C, Gureck A, Vincent M, Ippolito G, Elkouzi A, **Yachnis AT**, Foote KD, Okun MS. Deep brain stimulation associated gliosis: A post-mortem study. *Parkinsonism Relat Disord. 2018 Sep;54:51-55. doi: 10.1016/j.parkreldis..04.009.*

125. Fatma Ayhan, Barbara A Perez, Tao Zu, Monica Banez-Coronel, Tammy Reid, Hirokazu Furuya, H. Brent Clark, Juan C Troncoso, Christopher Ross, S. H. Subramony, Tetsuo Ashizawa, Eric Wang, **Anthony T. Yachnis**, Laura P.W. Ranum. SCA8 RAN polySer protein preferentially accumulates in white matter regions and regulated by eIF3F. *The EMBO Journal* 2018. Oct 1;37(19). pii: e99023. doi:10.15252/embj.201899023. PMID: 30206144

126. Dhillon JS, Trejo-Lopez JA, Riffe C, McFarland NR, Hiser WM, Giasson BI, **Yachnis** AT. [Dissecting α-synuclein inclusion pathology diversity in multiple system atrophy: implications for the prion-like transmission hypothesis.](https://www.ncbi.nlm.nih.gov/pubmed/30737468) *Lab Invest.* 2019 Jul;99(7):982-992. doi: 10.1038/s41374-019-0198-9. PMID: 30737468

127. Dhillon JS, Trejo-Lopez JA, Riffe C, Levites Y, Sacino AN, Borchelt DR, **Yachnis** AT, Giasson BI. [Comparative analyses of the in vivo induction and transmission of α-synuclein pathology in transgenic mice by MSA brain lysate and recombinant α-synuclein fibrils.](https://www.ncbi.nlm.nih.gov/pubmed/31109378) *Acta Neuropathol Commun.* 2019 May 20;7(1):80. doi: 10.1186/s40478-019-0733-3. PMID: 31109378

128. Sorrentino ZA, Goodwin MS, Riffe CJ, Dhillon JS, Xia Y, Gorion KM, Vijayaraghavan N, McFarland KN, Golbe LI, **Yachnis** AT, Giasson BI. Unique α-synuclein pathology within the amygdala in Lewy body dementia: implications for disease initiation and progression ​ *Acta Neuropathol Commun.* 2019 Sep 2;7(1):142. doi: 10.1186/s40478-019-0787-2. PMID: 31477175

129. Sacino AN, Prokop S, Walsh MA, Adamson J, Subramony SH, Krans A, Todd PK, Giasson BI, **Yachnis AT**. Fragile X-associated tremor ataxia syndrome with co-occurrent progressive supranuclear palsy-like neuropathology. *Acta Neuropathol Commun.* 2019 Oct 30;7(1):158. doi: 10.1186/s40478-019-0818-z.

130. Trejo-Lopez J, Sorrentino ZA, Riffe CJ, Prokop S, Dickson DW, **Yachnis AT**, Giasson BI. Generation and characterization of novel monoclonal antibodies targeting p62 across human neurodegenerative diseases. *J Neuropathol Exp Neurol* 2020 Apr 1;79(4):407-418. doi: 10.1093/jnen/nlaa007. PMID: 32106300

131. Lloyd GM, Trejo-Lopez JA, Xia Y, McFarland KN, Lincoln SJ, Ertekin-Taner N, Giasson BI, **Yachnis** AT, Prokop S. Prominent amyloid plaque pathology and cerebral amyloid angiopathy in APP V717I (London) carrier – phenotypic variability in autosomal dominant Alzheimer’s disease. *Acta Neuropathol Commun*. 2020 Mar 12;8(1):31. doi: 10.1186/s40478-020-0891-3. PMID: 32164763

132. Trejo-Lopez JA, Sorrentino ZA, Riffe CJ,Dickson DW, **Yachnis AT**., Prokop S, Giasson BI.Development and Application of Novel Monoclonal Antibodies Targeting the RRM2 domain of Human TDP-43 Protein. *Neurosci Lett* 2020 Nov 1;738:135353. doi: 10.1016/j.neulet.2020.135353. PMID: 32905837

133. Laurent D, Bardhi O, Gregory J, **Yachnis AT**, Governale LS. Pediatric pathology all grown up – An interesting case of adult tethered spinal cord. *Surg Neurol Int* 2020 Oct 29;11:362. doi: 10.25259/SNI\_641\_2020. eCollection 2020. PMID: 33194295

134. Dawoud F, Lucke-Wold B, Trejo-Lopez J, **Yachnis A**, Rahman M. An Unusual Cause of Intracerebral Hemorrhage: Clinical Pearls Regarding Primary Angiitis of the Central Nervous System.

*Neurol Sci Neurosurg.* 2020;1(2). doi: 10.47275/2692-093x-109. Epub 2020 Oct 19.

135. Hsin-Pin L, Zhao C, Viswanathan V, **Yachnis AT**, Wymer J. A case of diffuse midline glioma with histone H3-K27M mutation mimicking long segmental myelitis. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management*. Volume: ‏ 23 Article Number: 101005   Published: ‏ MAR 2021.

136. Shah C, Mendia A, Grajo JR, **Yachnis AT**, Yeung A, Cardenas-Goicoechea J; Murphy M. Orbital Metastasis of Squamous Cell Cervical Cancer: A Case Report and Review of Literature. *Gynecologic Oncology Reports*. 2020 Dec 19;35:100689. doi: 10.1016/j.gore.2020.100689. eCollection 2021 Feb. PMID: 33385055

137. **Yachnis AT**, Golden JA. A pioneer of pediatric brain tumors: Dr. Lucy Rorke-Adams. *Pediatr Dev Pathol* Pediatr Dev Pathol. 2022 Jan-Feb;25(1):3-5. doi: 10.1177/10935266211009486. PMID: 33872105

138. Fuller DD, Trejo-Lopez JA, **Yachnis AT**, Sunshine MD, Rana S, Bindi VE, Byrne BJ, Smith BK. Case Studies in Neuroscience – Neuropathology and Diaphragm Dysfunction in Ventilatory Failure from Late-Onset Pompe Disease*. J Neurophysiol.* 2021 Aug 1;126(2):351-360. doi: 10.1152/jn.00190.2021. PMID: 34191636

139. Malnik SL, Moor RF, Shin D, Laurent D, Trejo-Lopez J, Dodd W, **Yachnis A**, Ghiaseddin AP, Fox WC, Roper S. [Inflammatory myofibroblastic tumor masquerading as an anterior choroidal artery fusiform aneurysm.](https://pubmed.ncbi.nlm.nih.gov/34221627/)  *Surg Neurol Int.* 2021 Jun 21;12:297. doi: 10.25259/SNI\_113\_2021. eCollection 2021. PMID: 34221627 Free PMC article.

140. Larkin T, Das, A, Bianchi V, Sudhaman S, Chung J, Alasafuani N, Negm L, **Yachnis A**, Blatt J, Hawkins C, Bouffet E, Tabori U, Gururangan S. Upfront adjuvant immunotherapy of replication-repair deficient paediatric glioblastoma with chemo-radiation sparing approach. *JCO Precis Oncol.* 2021 Nov;5:1426-1431*.* doi: 10.1200/PO.21.00153. PMID: 34994637

141. Trejo-Lopez JA, **Yachnis AT**, Prokop S. Neuropathology of Alzheimer’s disease. Neurotherapeutics. 2021 Nov 2. doi: 10.1007/s13311-021-01146-y. PIMD: 347290.

142. McLendon RE, **Yachnis AT**, Miller CR, Ng HK.. Central Nervous System Tumor Classification: An Update on the Integration of Tumor Genetics. In: Central Nervous System Malignancies. Reardon DA, Ed. *Hematol Oncol Clin North Am.* 2022 Feb;36(1):1-21. doi: 10.1016/j.hoc.2021.08.001. PMID: 34763992

***ABSTRACTS:*** *(in chronological order)*

1. Bockman EL, Steffen RP, McKenzie JE, **Yachnis AT**, Haddy FJ. Adenosine and active hyperemia in dog gracilis muscle. *Fed Proc* 41: 1680-1680, 1982

1. Steffen RP, McKenzie JE, **Yachnis AT**, et al. The effect of acetate on skeletal-muscle adenosine, resistance and oxygen-consumption. Fed Proc 41 (5): 1681-1681, 1982
2. **Yachnis AT**, Cohen JA: Expression of the neu gene in developing peripheral nerves and peripheral nerve tumors. UCLA Symposia on Molecular and Cellular Biology, South Padre Island, TX, April 18, 1990. J Cell Biochem 14F (Suppl):57, 1990.

1. **Yachnis AT**, Rorke LB, Biegle JA, Zimmerman RA, Perilongo G, Sutton L: "Desmoplastic primitive neuroectodermal tumor of childhood." J Neuropathol Exp Neurol 50:292, 1991

1. Arai M, Brooks SA, **Yachnis AT**, Prak EL, Prystowsky MB, Cohen JA. A novel interleukin-2 responsive gene selectively expressed by mature neurons and proliferating lymphocytes. Neurology 41:1162, 1991.
2. Zimmerman RA, **Yachnis AT**, Rorke LB, et al. Pseudostatus marmoratus. Radiology 185:123 Suppl., 1992.
3. **Yachnis AT**, Rorke LB, Lee VMY, Trojanowski JQ: "Developmental Expression of Neuronal and Glial Molecules in the Human Cerebellum." American Association of Neuropathologists Annual Meeting, Salt Lake City, UT, June 10, 1993. J Neuropathol Exp Neurol, 52:285, 1993
4. Janss AJ, **Yachnis AT,** Silber JH, Perilongo G, Molenaar WM, Rorke LB, Lee VMY, Trojanowski JQ, Tohyama T, Sutton LN, Lange B, Phillips PC: Expression of neuronal and/or glial intermediate filament protein antigens in medulloblastoma: Relationship to disease-free survival. *Ann Neurol* 34:469, 1993.
5. Duhaime AC, Gennarelli L, **Yachnis AT**, Ross DT. Experimental acute subdural hematoma: variations on a theme.  *J Neurotrauma* 10**:**S150, 1993.

10. DiPaolo DP, Zimmerman RA, Rorke LB, **Yachnis AT**: Radiologic-pathologic correlation of high signal foci in neurofibromatosis, type 1. *Radiology* 191P:316, 1994.

11. Powell SZ, **Yachnis AT**, Eskin TA. Divergent differentiation in pleomorphic xanthoastrocytoma: evidence for a "glioneuronal element and possible relationship to ganglioglioma and related tumors. *Brain Pathol* 4:433, 1994.

12. Legarda S, **Yachnis AT,** Gilmore R, Mickle P, Ringdahl D, Maria B. Pathology and outcome following lesionectomy in 11 children with temporal lobe lesions and epilepsy: A retrospective study. *Epilepsia* 35(S8): 139, 1994.

13. Powell SZ, **Yachnis AT**, Eskin TA. Expression of the bcl-2 protooncogene during human temporal lobe development and in indolent neoplasm/hamartomas resected from patients with intractable epilepsy. Presented at the College of American Pathologists Meeting, Orlando, FL, April 24, 1995.

14. **Yachnis AT**, Powell SZ, Eskin TA. Developmental expression of bcl-2 in the human temporal lobe. Presented at the "International Symposium on Oxidative Stress, Apoptosis, and Brain Damage". Published in Symposium Proceedings, University of Pittsburgh, Pittsburgh, PA, September 21-24, 1995.

15. Maria BL, Tusa RJ, Hoang KBN, Mancuso AA, Hamed LM, Quisling RG, Ringdahl DM, Hove MT, **Yachnis AT.** "Joubert" syndrome revisited: key ocular motor signs with MRI correlation. Presented at the "Child Neurology Society, 24th Annual Meeting", October 1995. *Ann Neurol* 38:515, 1995.

16. Janss AJ, **Yachnis AT**, Silber JH, Rorke LB, Trojanowski JQ, Lee VMY, Phillips PC. Differentiation along glial lines predicts poor outcome in primitive neuroectodermal tumors (medulloblastomas). *Ann Neurol* 38:549, 1995.

17. Powell SZ, Eskin TA, **Yachnis AT.** Bcl-2 like immunoreactivity identifies distinct cell populations in ependymal and astroglial neoplasms. Presented at the U.S. and Canadian Academy of Pathology Meeting, Washington DC, 03-96. *Lab Invest* 74:142A, 1996.

18. **Yachnis AT**, Bender BS, Martinez-Salazar A, Berg J, Rojiani AM, Eskin TA, Orenstein JM. Central nervous system microsporidiosis in acquired immunodeficiency syndrome: a report of two cases. Presented at the U.S. and Canadian Academy of Pathology Meeting, Washington DC, March 27, 1996. *Lab Invest* 74:133A, 1996.

1. Sessions R, **Yachnis AT**, Eskin TA. Bcl-2 expression in the normal human adenohypophysis and in pituitary adenomas. Presented at the AANP Annual Meeting, Vancouver BC, June 1996, *J Neuropathol Exp Neurol* 55:627, 1996.

20. **Yachnis AT**, Eskin TA. Distinct developmental programs of bcl-2 and bcl-x are altered in glioneuronal "hamartomas" of the temporal lobe. Presented at the American Association of Neuropathologists Annual Meeting, Vancouver BC, June, 1996. *J Neuropathol Exp Neurol* 55:630, 1996. **Won the AANP Moore Award**

21. Orenstein JM, **Yachnis AT**, Didier E, Fishbein M, Mertens R. Microspondia also infect the brain and heart of AIDS patients. Presented by Dr. Orenstein In: Vol. 2 of the XI International Conference on AIDS, Vancouver BC, July 7-12 1996, page 265.

22. Maria BL, Quisling RG, **Yachnis AT**, Hoang KBN, Tusa RJ, Hamed LM. "Joubert syndrome": First rhombencephalic segmentation abnormality? Presented at the "Child Neurology Society, 24th Annual Meeting", October 1996. *Ann Neurol* 40:297, 1996.

1. Roper SN, Eskin TA, King MA, **Yachnis AT**, Gilmore RL. Dual pathology in patients with temporal lobe epilepsy and developmental abnormalities. Presented by Dr. Roper at the American Association of Neurological Surgeons annual meeting, Denver, CO., April, 1997.
2. **Yachnis AT**, Roper SN, Eskin TA. Bcl-2 and bcl-x immunoreactivity in hippocampal sclerosis associated with temporal lobe epilepsy. *J Neuropathol Exp Neurol* 56:600, 1997.
3. Juul SE, **Yachnis AT**, Rojiani AM, Christensen RD. Immunohistochemical localization of erythropoietin (EPO) and erythropoietin receptor (EPO-R) in the developing human brain. Presented by Dr. Juul at the American Pediatric Society / The Society for Pediatric Research annual meeting, Washington, D.C., May, 1997. *Pediatr Res* 41:47A, 1997.
4. Gilmore R, Roper S, **Yachnis AT**, Eskin T, Quisling R. Increased hippocampal T2 relaxation time in TLE: Does it mean hippocampal sclerosis? *Epilepsia* 38 (S8), 141, 1997.

27. Vavra J, **Yachnis AT**, Shadduck JA, Orenstein JM, Canning EU, Curry A. A *Trachipleistophora*-like microsporidium of man: its dimorphic nature and relationship to *Thelohania apodemi*. Electronic publication: <http://www.paru.cas.cz/workshop/workshop.htm>

28. Juul SE, **Yachnis AT**, Christensen RD. Tissue distribution of erythropoietin (EPO) and its receptor (EPO-R) in the developing human fetus. Presented by Dr. Juul at the American Pediatric Society / The Society for Pediatric Research, 1998 annual meeting.

29. **Yachnis AT**, Fancey JT, Eskin TA. Bcl-2 immunostaining identifies hamartiasof the caudal amygdala in non-epileptic patients. *J Neuropathol Exp Neurol* 57:514, 1998.

1. **Yachnis AT**, Love A, Roper SN, Muir D. Cells with features of immature post-mitotic neurons exist in the adult human brain. *J Neuropathol Exp Neurol* 58:519, 1999.

1. **Yachnis AT**. Rhombencephalosynapsis with massive congenital hydrocephalus: case report and pathogenetic hypothesis. *J Neuropathol Exp Neurol* 59:450, 2000.
2. Martinez-DiazH, Kleinschmidt-DeMasters BK, Powell SZ, **Yachnis AT**. Neuronal antigens and p53 in giant cell gliomas. *J Neuropathol Exp Neurol* 59:438, 2000.

33. Yachnis AT. Class III beta tubulin immunoreactivity in gliomas. *J Neuropathol Exp Neurol* 60:517,2001.

34. **Yachnis AT**, Friedman WA, Lopez MC, and Baker HV.Contrasting gene expression profiles in glioblastoma multiforme versus anaplastic oligodendroglioma. *J Neuropathol Exp Neurol* 61:474, 2002.

35. Pincus DW, Ignatova TN, Kukekov VG, **Yachnis AT**, Steindler DA. Isolation of clonogenic cells from pediatric brain tumors. *Neurosurgery* 51 (2): 771, 2002.

36. **Yachnis AT**, Friedman WA, Lopez MC, and Baker HV. Genomic expression profiling identifies CD44 as a marker for distinguishing glioblastoma multifome from lower-grade gliomas. Oncogenomics Meeting, Jan. 2003.

37. B.L. Jordan, R. Marsh, **A.T. Yachnis**. Novel Anti-Pineal Gland Antibodies Distinguish Subtypes of Primary Pineal Parenchymal Tumors. Joint Cancer Conference of the Florida Universities. Feb. 21, 2003.

38. **YachnisAT**, Perry A, Lopez MA, Friedman WA, Baker HV. Gene expression profiling identifies clinically relevant glioma subtypes and possible targets for therapy. *J Neuropathol Exp Neurol* 62:542, 2003.

39. Kearns S, Toussaint N, Scheffler B, Mandel R, Steindler D, Sullivan S, **Yachnis** **AT.** CD44s expression patterns of infiltrating gliomas: a “gray matter”. *J Neuropathol Exp Neurol* 63:540, 2004

40. TuPH, Giannini C, BurackR, O’NeillBP, **YachnisAT**, PerryA. Marginal zone lymphoma (“MALToma”) of the CNS: a clinicopathologic and genetic series of 7 cases. *J Neuropathol Exp Neurol* 63:518, 2004

41. BiegelJA, BurgerPC, HamiltonRL, Kleinschmidt-DeMastersB, PerryA, PomeroyS, RosenblumMK, **YachnisAT**, RorkeLB, JudkinsAR. Inactivation of INI1 distinguishes CNS rhabdoid tumor from choroid plexus carcinoma. *Cytogenet Genome Res* 106:127, 2004

42. Shepherd TM**,** Ozarslan E, **Yachnis AT**, Blackband SJ. High-Resolution Diffusion Tensor Imaging of the Human Hippocampus". Oral presentation at American Society of Neuroradiology Meeting in Toronto May 21-27th 2005.

43. Scheffler B, Yachnis AT, Wang S, Goetz AK, Smith A, Pincus D, Steindler DA. Critical evaluation of the neoplastic neural stem cell premise. Brain Pathology 2006;16,s152.

44. Qiu J, Price C, Li Y, Yachnis AT, Eskin TA. Intravascular large B cell lymphoma with only initial clinical manifestation of polyneuropathy. Brain Pathology 2006;16,s148.

45. Dunbar EM; Siddiqui T; **Yachnis AT**, Eskin, T, Bennett, J; Shahlaee, AH. CNS Erdheim-Chester Disease: A Case-report of response to Cladribine. Society for Neuro-Oncology Meeting, November 2006.

46. Qiu J, Yang,M, May WS, Liu C, Friedman WA, **Yachnis AT**. An unusual expression pattern of JAZ in human gliomas. Society for Neuro-Oncology Meeting, November 2006.

47. Qiu J, Yang M, May WS, Liu C, Friedman WA, Yachnis AT. Grade-dependent expression and subcellular distribution of JAZ in human gliomas. J Neuropathol Exp Neurol 2007:66:443. ASIP/AANP, April, 2007. **Won the AANP Rubinstein Award for best paper on Neuro-oncology.**

48. **Yachnis AT**, Roth H, Heilman KM. Fragile X Dementia/ Parkinson’s Syndrome (FXDP). AAN Chicago 2008

49. QiuJ-X, Yang M, MayWS, OstrovDA, Robertson KD, HarrisonJK, **YachnisAT**. Structure-based JAZ ligand-J1 and its analogues show strong cytotoxic effects on glioma cells in vitro - A new class of glioma therapy drugs? J Neuropathology Exp Neurol 2008;67:505. AANP, San Diego 2008.

50. L Kennedy, S Roper, JA Majzoub, K Peters, **AT Yachnis**, DA Wyatt, M Joachim, and CA Hopkins.

 Persistence of Pituitary ACTH Immunostaining in a Patient with Cushing’s Syndrome due to Ectopic ACTH Production and Hypoplasia of the inferior Petrosal Sinuses. 2008 (Endocrine Meetings)

51. Wagner A, **Yachnis AT**, Powell SZ, Adesina A, Pearl G. A posterior fossa tumor in a 4-year-old male with features of ATRT but without INI1 mutation. J Neuropathol Exp Neurol 2009;68:588.

52. Dunbar EM, Dong H-J, Chi YY, Keeling C, **Yachnis AT**. Unexpectedly long-term control of recurrent gliomatosis cerebri with capecitabine: a possible molecular explanation. Neuro-Oncology 2010;12:iv80.

53. Murad GJ, Yachnis AT, Dunbar EM. [Atpyical presentation and morbidity with rituximab in diffuse large B-cell lymphoma infiltrating the spine](http://apps.isiknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=4DgFhbHKLgNHnNlEkMh&page=1&doc=4&cacheurlFromRightClick=no). Neuro-Oncology2010;12**:**117-117Suppl. 4

54. Lusis EA, Scheithauer B, **Yachnis AT**, Chicoine MR, Paulus W, Perry A. Meningiomas resected during pregnancy: A Clinicopathological study of eight patients. Neuro-Oncology 2010;12:iv79.

55. Dunbar EM, Dong HJ, Liu C, et al. [UNEXPECTEDLY LONG-TERM CONTROL OF RECURRENT GLIOMATOSIS CEREBRI WITH CAPECITABINE: A POSSIBLE MOLECULAR EXPLANATION](http://apps.isiknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=3FkecGHLHCf8NbH4Bkp&page=1&doc=4&cacheurlFromRightClick=no)
*NEURO-ONCOLOGY*   2010;12: 80-80   Supplement: Suppl. 4   Published: NOV 2010

56. Murad GJ, Yachnis AT, Dunbar EM. [ATPYICAL PRESENTATION AND MORBIDITY WITH RITUXIMAB IN DIFFUSE LARGE B-CELL LYMPHOMA INFILTRATING THE SPINE](http://apps.isiknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=3FkecGHLHCf8NbH4Bkp&page=1&doc=5&cacheurlFromRightClick=no). *NEURO-ONCOLOGY*   Volume: 12   Pages: 117-117   Supplement: Suppl. 4   Published: NOV 2010

57. Xia GB, Yachnis A, Sarkar P, et al. [Purkinje Cell Loss Is the Major Brain Pathology of Spinocerebellar Ataxia 10](http://apps.isiknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=3FkecGHLHCf8NbH4Bkp&page=1&doc=1&cacheurlFromRightClick=no). *NEUROLOGY*2011;76**:** A348-A348   Supplement: Suppl. 4   Published: MAR 1 2011

1. Devers K, Rivera-Zengotita M, Williams CA, **Yachnis AT**. The neuropathology of mucopolysaccharidosis type VII (Sly disease): A case report and review of the literature. J Neuropathol Exp Neurol 70:546-546, 2011 AANP Meeting Abstract: 182 JUN 2011
2. Lin CS, Monroe M, Grier DD, **Yachnis AT**, Al-Quran S. [Is Bone Marrow Biopsy Necessary for Patients with Primary Central Nervous System Large B-Cell Lymphoma?](http://apps.isiknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=1AggGO3hI23OOGnHAKl&page=1&doc=1) Lab Invest 91**:**307A-307A, 2011Suppl. 1  USCAP Meeting Abstract: 1307 Published: FEB 2011.
3. Vedam-Mai V, Ullman M, Okun M, **Yachnis AT**. Collagenous fibrosis: a rare tissue reaction of deep brain stimulation. J Neuropathol Exp 70:549, 2011 AANP Meeting Abstract: 192 JUN 2011
4. Rivera-Zengotita M, Devers K, Xia G, Ashizawa T, Burt M, Yachnis AT. Neuropathologic findings in myotonic dystrophy type 2. 2012AANP Meeting Abstract: JUN 2012.
5. Devers K, Yachnis AT, Rivera-Zengotita M. Mutated isocitrate dehydrogenase-1 (IDH-1) immunoreactive glioblastoma with IDH-1 negative "PNET- like" elements. 2012AANP Meeting Abstract: JUN 2012.
6. Foster NL, Wang AY, King RD, Zamrini E, Yachnis AT, Chin S. Discrepant FDG-PET and Neuropathological Findings in Patients Scanned to Distinguish Frontotemporal Dementia and Alzheimer's Disease Dementia. 8th International Conference on FTD, Manchester England on Sep 5-7, 2012.
7. 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. JNEN, June 2013.
8. Kresak JL, Chang M, Rivera-Zengotita M, Yachnis AT. Metachronous Epstein-Barr virus-associated tumors in an immunocompromised man. Arch Pathol Lab Med 2013;137:1386.
9. Kresak J, Rivera-Zengotita M, Burt M, Yachnis AT. Inadvertent Intrathecal Vincristine Administration with Widespread Axonal Injury. J Neuropathol Exp Neurol June 2014.
10. Rivera-Zengotita M, Kresak J, Pincus, Yachnis AT. Pediatric Brainstem Tumors with Features of Angiocentric Glioma: Report of Two Cases. J Neuropathol Exp Neurol June 2014.
11. Decker M, Kresak JL, Yachnis AT, Bova F, Rahman M. Intra-operative use of fluorescein for malignant glioma resection differentiates tumor from normal brain tissue based on histopathological analysis. Neuro-Oncol 16:v138-v158, 2014.
12. Frentzen B, Mitchell D, Friedman WA, Yachnis AT, McTiernan R. The Florida Center for Brain Tumor Research (FCBTR): Building infrastructure to find a cure. Neuro-Oncol 16:v96-v106, 2014.
13. Vedam-Mai V, Yachnis AT, Otto K, et al. Histopathological observations from 50 human deep brain stimulation cases. Movement Disorders 2015;30:S292-S292.
14. Rivera-Zengotita M, Kresak JL, Smith A, Pincus D, Yachnis AT. Disseminated glioneuronal tumors: a new entity or variation of a theme. J Neuropathol Exp Neurol 2015;74:608-608.
15. Walsh M, Lockhart SR, Yachnis AT. Cryptococcoma (*C. gatti*) mimicking cerebellar neoplasia in a patient from Florida. J Neuropathol Exp Neurol 2016;75:615-616.

1. Gregory J, Roper S, Yachnis AT, Rivera-Zengotita M. Polymorphous low-grade neuroepithelial tumor of the young: How much is PLNTY? J Neuropathol Exp Neurol 2018;77:494.
2. Tran, D (Tran, David)[ 1 ] ; Warren, S (Warren, Sonisha)[ 1 ] ; Friedman, W (Friedman, William)[ 1 ] ; Ghiaseddin, A (Ghiaseddin, Ashley)[ 1 ] ; Murad, G (Murad, Gregory)[ 1 ] ; Rahman, M (Rahman, Maryam)[ 2 ] ; Roper, S (Roper, Steven)[ 1 ] ; Allen, A (Allen, Anne)[ 1 ] ; Greene, V (Greene, Valerie)[ 1 ] ; Yachnis, A (Yachnis, Anthony)[ 1 ] IDENTIFYING THE GENETIC SIGNATURE OF RESPONSE IN A PHASE II STUDY OF TUMOR TREATING FIELDS IN RECURRENT GLIOBLASTOMA *NEURO-ONCOLOGY* Volume: 20 Pages: 164-164. Supplement: 6 Published: NOV 2018.
3. Monica Banez Coronel, Tao Zu, Hannah Shorrock, John Cleary, Olga Pletnikova, Shu Guo, Lien Nguyen, Anthony Yachnis, Juan Troncoso, Laura Ranum. Novel polyserine antibody as a common tool to identify RAN positive disorders: results from SCA2 and SCA3 cerebellum. 2019 IARC – Int. Ataxia Research.
4. Trejo-Lopez, Jorge; Taner, Nilufer; Giasson, Benoit; et al. Neuropathological description of a case of familial Alzheimer's disease deriving from APP gene mutation V717L. J Neuropathol Exp Neurol Volume: 78 Issue: 6 Pages: 539-539 Meeting Abstract: 75 Published: JUN 2019.
5. Trejo-Lopez, Jorge; Sorrentino, Zachary; Riffe, Cara; et al. Generation and Characterization of Novel Monoclonal Antibodies Targeting TDP-43 Across Human Tauopathies and alpha-synucleinopathies. J Neuropathol Exp Neurol Volume: 78 Issue: 6 Pages: 569-569 Abstract: 194 Published: JUN 2019.
6. Vedam-Mai, V, [Elkouzi, A](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=36220790), [Prokop, S](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=36592999), Yachnis A, [Foote, K](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=9683086), [Almeida, L](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=28703337), [Ramirez-Zamora, A](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=31480055), [Okun, M](http://apps.webofknowledge.com/OutboundService.do?SID=6C4FRtjPoFIRglHeFSc&mode=rrcAuthorRecordService&action=go&product=WOS&lang=en_US&daisIds=36120479). Neuropathological Changes Following PPN Region DBS. Movement Disorders 35:S636-S636, Supplement: 1 Special Issue: SI: Meeting Abstract: 1377, Published: SEP 2020
7. [Bindi V](https://www.webofscience.com/wos/author/record/44708897), [Rana, S](https://www.webofscience.com/wos/author/record/41335909) [Fuller D](https://www.webofscience.com/wos/author/record/43994601), [Sunshine M](https://www.webofscience.com/wos/author/record/4716977), [Yachnis A](https://www.webofscience.com/wos/author/record/169632), [Trejo-Lopez J](https://www.webofscience.com/wos/author/record/8612721), [Byrne B](https://www.webofscience.com/wos/author/record/12209), [Smith B](https://www.webofscience.com/wos/author/record/716861). Autopsy indicates brainstem and spinal neuropathology in late-onset Pompe Disease. FASEB J 35:Supplement 1, 10.1096/fasebj.2021.35.S1.03090, MAY 2021.
8. Laura P. W. Ranum, Ramadan Ajredini, Shu Guo, Lisa Romano, Tao Zu, Monica Bañez Coronel, Georgios Vasilakos, Chase Kelley, Alexis Tays, Javier Redding-Ochoa, Olga Pletnikova, Paul Ranum, H. Brent Clark, Alan E. Renton, Alison Goate, Kiruphagaran Thangaraju, Beverly Davidson, Anthony T. Yachnis, Todd Golde, Xiang Yang Lou, Stefan Prokop, Eric Wang, Juan Troncoso, Lien Nguye. Intronic GGGAGA expanded repeats in CASP8 produce polyGlycineArginine proteins that accumulate in Alzheimer’s brains and increase risk of disease. International Conference on Alzheimer’s and Parkinson’s Disease and related neurological disorders. March 28-April 1, 2023.

**Associate Editor, *Laboratory Investigation,* Contributions:**

* **Co-Editor of “Neurodegenerative Diseases Special Issue of *Laboratory Investigation*.” Summary: “Inside LI” *Lab Invest* (2019) 99:910-911.**

**Commentaries for “Inside Laboratory Investigation”**

1. “TIMP-2-MMP2 interactions mediate glioma invasion.” *Lab Invest* 84:4, 2004

2. “Molecular detection of smallpox virus in archival pathology specimens.” *Lab Invest* 84:4-5, 2004

3. “A non-human primate model of Lyme disease.” *Lab Invest* 84:149, 2004

4. “Expanding the spectrum of spectrinopathies.” *Lab Invest* 84:149, 2004

5. “New insights on mechanisms of formalin fixation and antigen retrieval.” *Lab Invest* 84: 2004

6. “Thrombosis and vaso-occlusion in the pathogenesis of glioblastoma.” *Lab Invest* 84:394, 2004

7. “Muscling in on prion disease.” *Lab Invest* 84:811, 2004

8. “Blood mitochondrial DNA: The HARRT of the matter”. *Lab Invest* 84:812, 2004

9. “Inducible PAX3-FKHR expression: clues to rhabdomyosarcoma tumorigenesis.” *Lab Invest* 84:938, 2004

10. “Dissecting PTEN and EGFR signaling pathways in gliomas.” *Lab Invest* 84:938, 2004

11. “Building a better assay: SARS detection by MRT-PCR gene chip.” *Lab Invest* 84:1081, 2004

12. “Sailing against ischemia-reperfusion injury: lower the mast (cells).” *Lab Invest* 84:1081, 2004

13. “Ocular fibrosis following injury: it’s a Smad Smad world. *Lab Invest* 84:1224, 2004

14. “Chemokines and T-cell trafficking inexperimental allergic encephalomyelitis*.*” *Lab Invest* 84:,2004

15. “VEGF-A overexpression: a common pathway of T-cell and vascular growth in angioimmunoblastic T-cell lymphoma? *Lab Invest* 84:,2004

16. “VHL exon deletion screening: finding the ‘forme fruste’. *Lab Invest* 85:6, 2005

17. “Alien vs. Predator: When nosology and genetics collide, different is not always so.” *Lab Invest* 85:161, 2005

18. “Of stealth and pseudopodia-genomics and proteomics of glioma invasion.” *Lab Invest* 85:311, 2005

19. “Distinctive gene fusion in low-grade fibromyxoid sarcoma.” *Lab Invest* 85:312-313, 2005

20. “Breaking down the blood-brain barrier.” *Lab Invest* 85:717, 2005

21. “The FLIP side of tumor cell apoptosis.” *Lab Invest* 85: 834, 2005

22. “CNS expression of Fussel 18: a new way to Ski (with a Sno clone).” *Lab Invest* 85: 834, 2005

23. “Stressed out astrocytes in ataxia telangiecatsia.” *Lab Invest* 85: 1453-54, 2005

24. “EGFR amplification and overexpression in breast phylodes tumors.” *Lab Invest* 86:1, 2006

25. “Biobanking and RNA stability: protecting your investment.” *Lab Invest* 86:102, 2006

26. “Overexpression of a secreted protein in acrania: whoa NELL(IE)-1!” *Lab Invest*  86, 629, 2006.

27. "Intraneural model of NF1-associated malignant peripheral nerve sheath tumor." *Lab Invest* 87,1068, 2007.

28. "Molecular interactions of a 'small blue cell' tumor living large." *Lab Invest* 88, 96, 2008.

29. "Congo red-stained amyloid: Not all apple green." *Lab Invest* 88, 2008.

30. "Stromal expression profile in malignant desmoplasia". *Lab Invest* 88. 566,2008.

31. "Say what? A model of CMV-associated hearing loss". *Lab Invest* 88, 684, 2008.

32. "Epigenetic silencing in gliomas". *Lab Invest* 88, 684, 2008, 908-909.

***Presentations, Lectures, and Seminars****:*

1. "Maturation of the brain and maturational abnormalities in neonates." Invited lecture, presented at the American Electroencephalographic Society Annual Meeting; Philadelphia PA, December 14, 1991.

2. "Expression of developmentally regulated molecules in the human cerebellum: parallels between ontogeny and neoplasia." Invited seminar presented at George Washington University; Washington DC, April 21, 1992.

3. "Developmentally regulated molecules are aberrantly expressed in pediatric primitive neuroectodermal tumors and in transgenic mouse brain tumors." Presented at the American Brain Tumor Association Annual Meeting; Chicago IL, May 22, 1993.

4. "Expression of Neuronal and Glial Molecules During Human Cerebellar Development." Neuroscience Seminar, University of Florida Brain Institute, February 4, 1994.

5. "Expression of Primitive Proteins in Developmental Tumors." University of Florida Intramural Research Symposium: “Windows to the Brain: Epilepsy”, December 17, 1994.

6. "Developmentally Regulated Molecules of the Nervous System: Implications for Neuropathology." Department of Pathology and Laboratory Medicine Faculty Seminar, January 17, 1995.

7. "The Unique Temporal Lobe: Benign Tumors and Seizures." Invited lecture at 16th Annual Cancer Conference and Slide Seminar: "Tumors and Tumor-Like Lesions: From Head to Toe." Sponsored by the Florida West Coast Association of Pathologists and the University of South Florida, Longboat Key, Florida, June 22, 1996.

8. Clinical Case Presentations: Discussant in Pathology. 27th Annual Radiation Oncology Clinical Research Seminar, University of Florida College of Medicine, Lake Buena Vista, FL, February 7-8, 1997.

9. The Neuropathology of Child Abuse: A Clinicopathologic Correlation. University of Florida College of Medicine, Office of Continuing Education and Department of Neurology, March 21, 1997.

10. Central Nervous System Microsporidiosis. American Association of Neuropathologists Diagnostic Slide Session, Pittsburgh, PA, June 14, 1997.

11. Expression of the Cell Death Regulators Bcl-2 and Bcl-x in the Developing, Dysplastic and Neoplastic Human Nervous System. University of Florida College of Medicine, Department of Pathology Faculty Seminar, September 15, 1997.

12. Expression of Bcl-2-like Proteins in the Developing and Epileptic Brain: A Matter of Life and Death? University of Florida Brain Institute, Department of Neuroscience Seminar, November 14, 1997.

13. Central Nervous System Microsporidiosis. University of Florida College of Medicine, Department of Pathology, Immunology, and Laboratory Medicine Faculty Seminar, May 18, 1998.

14. Review of Cerebellar Development and Maldevelopment. NINDS-sponsored Joubert Syndrome Symposium. Invited for combined presentation with Dr. Lucy B. Rorke (Children’s Hospital of Philadelphia). Montreal, October 21, 1998.

15. “Meningiomas: An Overview.” Invited by LINAC Radiosurgical Society. Orlando, December 12, 1998.

16. “Chordomas and Chondrosarcomas of the Skull Base.” Invited by LINAC Radiosurgical Society. Orlando, December 10, 1999.

17. “Giant Cell Glioblastoma Multiforme.” Panelist: USCAP Neuropathology Specialty Conference. New Orleans, March 29, 2000.

1. “Neuropathology 101: Benign Brain Tumors.” Invited by LINAC Radiosurgical Society. Orlando, 12-8-2000.
2. “Neuropathology 101: Malignant Brain Tumors.” Invited by LINAC Radiosurgical Society. Orlando, December 9, 2000.

20. “Chordoid Meningioma and Other Fibromyxoid Tumors of the Central Nervous System.” Panelist: USCAP Neuropathology Specialty Conference. New Orleans, March 8, 2001.

21. “Granulomatous Amoebic Encephalitis.” Panelist: USCAP Neuropathology Specialty Conference. Chicago, February 25, 2002.

22. “Gene Expression Profiling Applied to Malignant Gliomas: New Technologies to Address Old Questions.” The Penn State Milton S. Hershey Medical Center, College of Medicine, October 18, 2002.

23. LINAC Radiosurgery 2002. Vascular malformations, a pathologists perspective. Invited by LINAC Radiosurgical Society. Orlando, December 9, 2002.

24. LINAC Radiosurgery 2002. Skull base chordoma vs. chondrosarcoma. Invited by LINAC Radiosurgical Society. Orlando, December 10, 2002.

25. “Genetic Signatures of Gliomas.” Henry V. Baker and AT Yachnis. Joint Cancer Conference of the Florida Universities. Orlando, FL February 20, 2003.

26. “Pediatric Hypothalamic/Optic Pathway Gliomas.” Invited Panelist: USCAP Neuropathology Specialty Conference. Washington, DC, March 25, 2003.

27. LINAC Radiosurgery 2003. Gene Arrays: What are They and How will they Affect Cancer Treatment? Invited by LINAC Radiosurgical Society. Orlando, December 12, 2003.

28. LINAC Radiosurgery 2004. Schwannomas: Pathology. Invited by LINAC Radiosurgical Society. Orlando, December 8, 2004.

29. LINAC Radiosurgery 2004. Meningiomas: Pathology. Invited by LINAC Radiosurgical Society. Orlando, December 9, 2004.

30. LINAC Radiosurgery 2004. Vascular malformations, a pathologists perspective. Invited by LINAC Radiosurgical Society. Orlando, December 9, 2004.

31. “Rosette-forming glioneuronal tumor of the fourth ventricle”. Invited Panelist: USCAP Neuropathology Specialty Conference. San Antonio, March 1, 2005.

32. “Surgical Pathology: Considerations in Skull Base Surgery”. Faculty: *Florida Skull Base Course,* 08-18-2005.

33. “Crooke’s cell pituitary adenoma". Invited Panelist: USCAP Neuropathology Specialty Conference. Atlanta, February 13, 2006.

34. “Surgical Pathology of the Skull Base”. Faculty: *Florida Skull Base Course,* June 9, 2006.

35. "Intracranial Epstein-Barr virus-associated smooth muscle tumor". Invited Panelist: USCAP Neuropathology Specialty Conference. San Diego, March 27, 2007.

36. "Dural-based Rosai-Dorfman disease and other meningioma mimics". Invited Panelist: USCAP Neuropathology Specialty Conference, Denver, March 5, 2008.

37. "Meningioma Mimics". Invited Panelist: Slide Session: Meningiomas. International Academy of Pathology. Athens, Greece, October 13, 2008.

38. "Neuroepithelial Tumors (with Ependymal-like Features)". Invited: International Academy of Pathology. Athens, Greece, October 14, 2008.

39. "Critical" Immunohistochemical And Genetic Markers In Glial Neoplasms. Invited: Amercan Association of Neuropathologists USCAP Companion Society - Boston, March 7, 2009.

40. “Surgical Pathology”. Invited speaker: “Microsurgical Approaches to the Brain, Ventricles, and Skull Base. The University of Florida McKnight Brain Institute, April 19-23, 2010.

41. “Pathologies of Intractable Epilepsy”. University of Florida “2010 Epilepsy Symposium”. Invited by Dr. Steve Roper, The University of Florida McKnight Brain Institute, November 16, 2010

42. “Gliosis vs. Glioma and Critical Issues in Glioma Grading”. Invited: American Association of Neuropathologists USCAP Companion Society – San Antonio, February 26, 2011.

43. “Glioma Diagnosis 2011: New Tools to Solve Old Problems”. Invited: Department of Pathology, University of Utah, June 9, 2011.

44. How will “generation Y” learn medicine? Invited: University of Florida Society of Teaching Scholars; Medical Education Week. February 20, 2012.

45. Ophthalmic Pathology Review. Osler Institute. Tampa, Florida. February 22, 2012.

46. Neuropathology Review: Osler Institute. Tampa, Florida. October, 2012.

47. Neuropathology Review: Osler Institute. Tampa, Florida. October 8, 2013.

48. Co-Chair: AANP Companion Society Meeting of the USCAP. March 1, 2014.

49. Co-Chair: AANP Annual Course: June 12, 2014.

50. USCAP Interactive Microscopy: Brain Biopsy Diagnosis: Pitfalls & Pearls. March 24, 2015.

51. USCAP Interactive Microscopy: Glioma Diagnosis 2016: What Pathologists Need to Know. March 15, 2016.

52. Western New York Society of Pathologists, Visiting Professor Series. Interactive Microscopy Session: Gliomas and Clinically Important Mimics. May 13, 2016.

53. “The Neuropathology of Aging: Emerging Concepts”. Florida Society of Neurology. September 30, 2016.

54. “Traumatic Brain Injury with a focus on Chronic Traumatic Encephalopathy in Athletes” American Association of Professional Coders: October 17, 2017.

55. “Neuropathology of Traumatic Brain Injury”. Florida Society of Neurology. December 15, 2017.

56. “Vasculitides in Surgical Neuropathology Practice”. AANP Companion Society 2018 USCAP, March 17, 2018.

57. “Evening Specialty Conference”, Moderator. 2018 USCAP, March 19, 2018.

58. USCAP Interactive Microscopy: Glioma Diagnosis 2018: What Pathologists Need to Know. March 22, 2018.

59. UF Pathology Grand Rounds. “Chronic Traumatic Encephalopathy: An Update.” September 5, 2018.

60. “Evening Specialty Conference”, Moderator. 2019 USCAP, March 18, 2019. National Harbor, MD.

61. “Neuropathology of Aging and Neurodegenerative Disease.” American Association of Professional Coders: October 26, 2019. Gainesville, FL.

62. USCAP Interactive Microscopy: Glioma Diagnosis 2020: What Pathologists Need to Know. March 4, 2020.

63. USCAP Short Course, 2018-2020: “Surgical Neuropathology: The Other Stuff”. With Drs. Richard Prayson and BK Kleinschmidt-DeMasters. (Most recent, March 5, 2020, Los Angeles.)

64. “The Stars Come Out at Night: Surgical Neuropathology Update”, Evening Specialty Conference. Moderator. USCAP, March 4, 2020.

65. “Glioma Diagnosis 2020: Molecular – Yes! But Location and Histology Still Matter.” UF Jacksonville Pathology Grand Rounds. August 24, 2020.

66. “Glioma Diagnosis 2021: Something old, something new – anticipating the new WHO”. With Dr. J.L. Kresak. UF Pathology Grand Rounds. 05 May 2021.

67. “Infectious Processes Seen in Surgical Neuropathology Practice.” AANP Companion Society 2023 USCAP, March 12, 2023.