

**Name:** Melike Pekmezci, M.D.

**Position:** Assistant Professor of Clinical Pathology  
Pathology  
School of Medicine

**Address:** Box 0102  
505 Parnassus Ave, M551  
University of California, San Francisco  
San Francisco, CA 94143  
415-476-5236  
Fax: 415-476-7963  
Melike.Pekmezci@ucsf.edu

## EDUCATION

1998 - 2004	Hacettepe University Faculty of Medicine	M.D.	
2005 - 2007	Gazi University, Department of Ophthalmology	Resident	Ophthalmology
2008 - 2009	University of California San Francisco, Department of Ophthalmology	Research fellow	Ophthalmology
2010 - 2011	Loyola University Medical Center, Department of Pathology	Resident	Pathology
2011 - 2012	University of California San Francisco, Department of Pathology	Resident	Pathology
2012 - 2014	University of California San Francisco, Department of Pathology	Clinical fellow	Neuropathology
2014 - 2015	University of California San Francisco, Department of Pathology	Clinical Fellow	Surgical Pathology
2015 - 2016	University of California San Francisco, Department of Pathology	Clinical fellow	Surgical Pathology and Cytopathology

## LICENSES, CERTIFICATION

06/2004	Medical License, Ministry of Health, Ankara, Turkey
01/2006	ECFMG Certificate
09/2012	California Medical License
10/2015	American Board of Pathology, Anatomic Pathology
10/2015	American Board of Pathology, Neuropathology
10/2015	College of American Pathologists, Ultrasound-Guided Fine Needle Aspiration Certification
12/2018	American Association for Clinical Chemistry- Fundamentals of Molecular Pathology

**PRINCIPAL POSITIONS HELD**

04/2004- 04/2005	Gazi University, Ankara, Turkey	Observer	Department of Ophthalmology
04/2007- 07/2007	University of California San Francisco	Research Assistant	Department of Ophthalmology
08/2007- 07/2008	Washington University in St. Louis	Research Assistant	Department of Ophthalmology
08/2008- 07/2009	University of California San Francisco	Junior Specialist/ Research Fellow	Department of Ophthalmology
08/2009- 06/2010	University of California San Francisco	Research Assistant	Department of Pathology
07/2012- 06/2014	University of California San Francisco	Clinical Fellow in Neuropathology	Department of Pathology
07/2014- 06/2015	University of California San Francisco	Clinical Fellow in Surgical Pathology	Department of Pathology
07/2015- 06/2016	University of California San Francisco	Clinical Fellow in Surgical and Cytopathology	Department of Pathology
07/2016- present	San Francisco Veterans Affairs Medical Center	Staff Pathologist	Department of Anatomic Pathology
07/2016- present	University of California San Francisco	Assistant Professor of Clinical Pathology	Department of Anatomic Pathology
07/2016- present	University of California San Francisco	Assistant Professor	Department of Ophthalmology

**OTHER POSITIONS HELD CONCURRENTLY**

02/2007- 04/2007	University of California San Francisco	Visiting international resident	Department of Ophthalmology
07/2013- 06/2014	University of California San Francisco	Research Fellow- Wrench and Walsh Labs	Department of Neurosurgery
07/2014- 06/2015	University of California San Francisco	Chief Resident	Department of Pathology
07/2015- 06/2018	Koc University School of Medicine, Istanbul, Turkey	Visiting Faculty	School of Medicine

## MEMBERSHIPS

- 2004 - 2018 Turkish Medical Association
- 2010 - present United States and Canadian Academy of Pathology
- 2010 - present College of American Pathologists
- 2015 - present American Association of Neuropathologists
- 2016 - present Turkish Federation of Pathology Societies, Neuropathology Working Group
- 2017 - present The American Association of Ophthalmic Oncologists and Pathologists
- 2018 - present Verhoeff-Zimmerman Society of Ophthalmic Oncologists and Pathologists
- 2019 - present Society for Neuro-Oncology

## SERVICE TO PROFESSIONAL ORGANIZATIONS

- |                |  |                                |
|----------------|--|--------------------------------|
| 2016 - 2018    | The American Association of Neuropathologists  | Membership<br>Committee Member |
| 2016 - 2018    | Turkish Federation of Pathology Societies,<br>Neuropathology Working Group - WHO tumor<br>classification nomenclature initiative | Member                         |
| 2018 - present | Turkish Federation of Pathology Societies,<br>Neuropathology Working Group - Neuropathology<br>training certification task force | Member                         |
| 2019 - present | The American Association of Neuropathologists  | Education Committee<br>Member  |

## SERVICE TO PROFESSIONAL PUBLICATIONS

- 2015 - 2016 Ad hoc referee for Ophthalmic Plastic and Reconstructive Surgery
- 2017 - 2019 Ad hoc referee for British Journal of Cancer
- 2017 - 2019 Ad hoc referee for Journal of the National Comprehensive Cancer Network
- 2017 - present Ad hoc referee for Acta Neuropathologica
- 2018 - present Ad hoc referee for Brain Pathology
- 2018 - present Ad hoc referee for Journal of Neuropathology and Experimental Neurology
- 2018 - present Ad hoc referee for Human Pathology
- 2018 - present Ad hoc referee for JAMA Neurology
- 2019 - present Ad hoc referee for Acta Neuropathologica Communications

**INTERNATIONAL INVITED PRESENTATIONS**

2017	KUSOM Surgical Pathology Workshop, Istanbul, Turkey	Lecturer
2018	Turkish Federation of Pathology Societies, Annual National Meeting, Ankara, Turkey	Lecturer
2019	Istanbul University Cerrahpasa School of Medicine, Department of Pathology Grand Rounds, Istanbul, Turkey	Lecturer
2019	Akdeniz University School of Medicine, Career Day, Antalya, Turkey	Panelist

**NATIONAL INVITED PRESENTATIONS**

2017	American Association of Neuropathologists Annual Meeting	Moderator
2018	Ophthalmic Pathology Evening Session at USCAP Annual Meeting	Lecturer
2019	American Association of Neuropathologists Companion Meeting at USCAP Annual Meeting	Lecturer
2019	Neuropathology Evening Session at USCAP Annual Meeting	Lecturer
2020	American Association of Neuropathologists Annual Meeting	Moderator

**REGIONAL AND OTHER INVITED PRESENTATIONS**

2016	Pituitary Disorders: Advances in Diagnosis and Management Course	Lecturer
2017	Bay Area Ophthalmology Course- Anatomy and Pathology of the Retina, Choroid and Vitreous- Stanford University	Lecturer (2 hrs) and Laboratory instructor (2 hrs)
2018	51st Annual Recent Advances in Neurology Course	Lecturer
2019	52nd Annual Recent Advances in Neurology Course	Lecturer
2019	Current Issues in Anatomic Pathology	Interactive microscopy session
2019	Bay Area Ophthalmology Course- Anatomy and Pathology of the Eyelid and Conjunctiva- Stanford University	Lecturer

**UNIVERSITY SERVICE - SYSTEM**

2017 - present	CNS Site committee for Clinical trials at UCSF Cancer Center	Member
2019 - present	Cancer Research in 2030 Task Force 2: Detecting and Diagnosing Cancer	Member
2020 - present	UC Systemwide Committee Representatives	Member, representing CAF

**UNIVERSITY SERVICE - CAMPUS**

2019 - present	UCSF Committee on Academic Freedom	Member (2019), Vice chair (2020)
2020 - present	UCSF Executive Council	Member

**DEPARTMENTAL SERVICE**

2014 - 2015	Department of Anatomic Pathology	Chief resident
2011 - present	Department of Anatomic Pathology	Pathology Quality Assurance Committee Member, Quarterly meeting
2016 - present	San Francisco Veterans Affairs Medical Center, Department of Pathology	Monthly Quality Assurance Committee Member, Monthly meeting
2016 - present	Department of Anatomic Pathology, Grand Rounds	Lead for weekly Departmental Grand Rounds
2017 - 2020	Anatomic Pathology Residency Curriculum Working Group	Coordination of the residency curriculum covered at VAMC
2018 - 2018	Root-Cause Analysis meeting at Veterans Affairs Medical Center	Department representative
2018 - present	Neuropathology Fellowship Clinical Competency Committee	Member
2018 - present	Anatomic Pathology Residency Clinical Competency Committee	Member
2018 - present	Digital pathology working groups 1 and 5 (Histology and Education)	Member
2020 - present	Department of Ophthalmology, Ophthalmic Pathology Division	Medical Director

**COMMUNITY & PUBLIC SERVICE**

2016 - present	The Second Opinion	Volunteer Pathologist
2018 - present	Telepathology consultations for Muhimbili University of Health and Allied Sciences - through a partnership with Duke University and ASCP	Volunteer Pathologist

## PEER REVIEWED PUBLICATIONS

1. **Pekmezci M**, Vo B, Lim AK, Hirabayashi DR, Tanaka GH, Weinreb RN, Lin SC.  
The characteristics of glaucoma in Japanese Americans.  
*Arch Ophthalmol.* 2009; 127(2):167-71. PMID: 19204234
2. **Pekmezci M**, Porco TC, Lin SC.  
Anterior segment optical coherence tomography as a screening tool for the assessment of the anterior segment angle.  
*Ophthalmic Surg Lasers Imaging.* 2009; 40(4):389-98. PMID: 19634744
3. Wang D, **Pekmezci M**, Basham RP, He M, Seider MI, Lin SC.  
Comparison of different modes in optical coherence tomography and ultrasound biomicroscopy in anterior chamber angle assessment.  
*J Glaucoma.* 2009; 18(6):472-8. PMID: 19680056
4. Seider MI, Lee RY, Wang D, **Pekmezci M**, Porco TC, Lin SC.  
Optic disk size variability between African, Asian, white, Hispanic, and Filipino Americans using Heidelberg retinal tomography.  
*J Glaucoma.* 2009; 18(8):595-600. PMID: 19826388.
5. Seider MI, **Pekmezci M**, Han Y, Sandhu S, Kwok SY, Lee RY, Lin SC.  
High prevalence of narrow angles among Chinese-American glaucoma and glaucoma suspect patients.  
*J Glaucoma.* 2009; 18(8):578-81. PMID: 19826385.
6. Desai RU, **Pekmezci M**, Tam D, Song J, Lin SC.  
Resident-performed Ahmed glaucoma valve surgery.  
*Ophthalmic Surg Lasers Imaging.* 2010; 41(2):222-7. PMID: 20307041
7. Huang JY, **Pekmezci M**, Yaplee S, Lin S.  
Intra-examiner repeatability and agreement of corneal pachymetry map measurement by time-domain and Fourier-domain optical coherence tomography.  
*Graefes Arch Clin Exp Ophthalmol.* 2010; 248(11):1647-56. PMID: 20352443
8. **Pekmezci M**, Louie J, Gupta N, Bloomer MM, Tihan T.  
Clinicopathological characteristics of adamantinomatous and papillary craniopharyngiomas: University of California, San Francisco experience 1985-2005.  
*Neurosurgery.* 2010; 67(5):1341-9; discussion 1349. PMID: 20871436
9. Huang JY, **Pekmezci M**, Mesiwala N, Kao A, Lin S.  
Diagnostic power of optic disc morphology, peripapillary retinal nerve fiber layer thickness, and macular inner retinal layer thickness in glaucoma diagnosis with fourier-domain optical coherence tomography.  
*J Glaucoma.* 2011; 20(2):87-94. PMID: 20577117
10. **Pekmezci M**, Chang ST, Wilson BS, Gordon MO, Borhade AM.  
Effect of measurement order between right and left eyes on intraocular pressure measurement.  
*Arch Ophthalmol.* 2011; 129(3):276-81. PMID: 21402981
11. Oz B, **Pekmezci M**, Dashti R, Karaman K, Kuday C, Tihan T.  
Emergence of a high-grade sarcoma in a recurrent meningioma: malignant progression or collision tumor?  
*Arch Pathol Lab Med.* 2011; 135(7):935-40. PMID: 21732786

12. Schoenfeld A, **Pekmezci M**, Barnes MJ, Tihan T, Gupta N, Lamborn KR, Banerjee A, Mueller S, Chang S, Berger MS, Haas-Kogan D.  
The superiority of conservative resection and adjuvant radiation for craniopharyngiomas. *J Neurooncol.* 2012; 108(1):133-9. PMID: 22350375.
13. **Pekmezci M**, Szpaderska A, Osipo C, Ersahin C.  
The Effect of Cold Ischemia Time and/or Formalin Fixation on Estrogen Receptor, Progesterone Receptor, and Human Epidermal Growth Factor Receptor-2 Results in Breast Carcinoma.  
*Patholog Res Int.* 2012; 2012:947041. PMID: 22482085.
14. Wang D, He M, Wu L, Kao A, **Pekmezci M**, Singh K, Lin S.  
Dark-light change of iris parameters and related factors among American Caucasians, American Chinese, and Mainland Chinese.  
*Curr Eye Res.* 2012; 37(7):599-605. PMID: 22578180
15. Mesiwala NK, **Pekmezci M**, Porco TC, Lin SC.  
Optic disc parameters from optovue optical coherence tomography: comparison of manual versus automated disc rim determination.  
*J Glaucoma.* 2012; 21(6):367-71. PMID: 21522024
16. Mesiwala NK, **Pekmezci M**, Huang JY, Porco TC, Lin SC.  
Comparison of optic disc parameters measured by RTVue-100 FDOCT versus HRT-II.  
*J Glaucoma.* 2012; 21(8):516-22. PMID: 21701397
17. **Pekmezci M**, Szpaderska A, Osipo C, Ersahin Ç.  
Evaluation of biomarkers in multifocal/multicentric invasive breast carcinomas.  
*Int J Surg Pathol.* 2013; 21(2):126-32. PMID: 23204031
18. Cage TA, **Pekmezci M**, Prados M, Berger MS.  
Subependymal spread of recurrent glioblastoma detected with the intraoperative use of 5-aminolevulinic acid: case report.  
*J Neurosurg.* 2013; 118(6):1220-3. PMID: 23421452
19. Jahangiri A, Wagner JR, **Pekmezci M**, Hiniker A, Chang EF, Kunwar S, Blevins L, Aghi MK.  
A comprehensive long-term retrospective analysis of silent corticotrophic adenomas vs hormone-negative adenomas.  
*Neurosurgery.* 2013; 73(1):8-17; discussion 17-8. PMID: 23685641
20. Ayodele MO, **Pekmezci M**, Aghi MK, Scott BJ.  
Headache and focal neurologic deficits in a 37-year-old woman.  
*JAMA Neurol.* 2013; 70(11):1445-9. PMID: 24081305
21. Bhorade AM, Perlmutter MS, Wilson B, Kambarian J, Chang S, **Pekmezci M**, Gordon M.  
Differences in vision between clinic and home and the effect of lighting in older adults with and without glaucoma.  
*JAMA Ophthalmol.* 2013; 131(12):1554-62. PMID: 24263699.
22. Mendelsohn BA, Mehta N, Hameed B, **Pekmezci M**, Packman S, Ralph J.  
Adult-Onset Fatal Neurohepatopathy in a Woman Caused by MPV17 Mutation.  
*JIMD Rep.* 2014; 13:37-41. PMID: 24190800.
23. Kang Y, **Pekmezci M**, Folpe AL, Ersen A, Horvai AE.  
Diagnostic utility of SOX10 to distinguish malignant peripheral nerve sheath tumor from synovial sarcoma, including intraneural synovial sarcoma.  
*Mod Pathol.* 2014; 27(1):55-61. PMID: 23929265

24. Hirbe AC, **Pekmezci M**, Dahiya S, Apicelli AJ, Van Tine BA, Perry A, Gutmann DH. BRAFV600E mutation in sporadic and neurofibromatosis type 1-related malignant peripheral nerve sheath tumors.  
*Neuro Oncol.* 2014; 16(3):466-7. PMID: 24366910.
25. Nacar OA, Ulu MO, **Pekmezci M**, Deviren V, Ames C. Successful treatment of a very rare angiosarcoma involving the lumbar spine via en-bloc resection and radiotherapy: case report.  
*Turk Neurosurg.* 2014; 24(1):140-5. PMID: 24535812
26. **Pekmezci M**, Vlodavsky E, Perry A. Previously unrecognized pattern of central nervous system hemangiopericytoma with pseudoglandular spaces.  
*Clin Neuropathol.* 2014; 33(3):186-9. PMID: 24618071
27. Walsh KM, Codd V, Smirnov IV, Rice T, Decker PA, Hansen HM, Kollmeyer T, Kosel ML, Molinaro AM, McCoy LS, Bracci PM, Cabriga BS, **Pekmezci M**, Zheng S, Wiemels JL, Pico AR, Tihan T, Berger MS, Chang SM, Prados MD, Lachance DH, O'Neill BP, Sicotte H, Eckel-Passow JE. Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk.  
*Nat Genet.* 2014; 46(7):731-5. PMID: 24908248.
28. Doss EL, Doss L, Han Y, Huang S, Porco T, **Pekmezci M**, Lin S. Risk factors for glaucoma suspicion in healthy young asian and caucasian americans.  
*J Ophthalmol.* 2014; 2014:726760. PMID: 25143829.
29. Chang ST, Xu J, Trinkaus K, **Pekmezci M**, Arthur SN, Song SK, Barnett EM. Optic nerve diffusion tensor imaging parameters and their correlation with optic disc topography and disease severity in adult glaucoma patients and controls.  
*J Glaucoma.* 2014; 23(8):513-20. PMID: 23632406.
30. **Pekmezci M**, Reuss DE, Hirbe AC, Dahiya S, Gutmann DH, von Deimling A, Horvai AE, Perry A. Morphologic and immunohistochemical features of malignant peripheral nerve sheath tumors and cellular schwannomas.  
*Mod Pathol.* 2015; 28(2):187-200. PMID: 25189642
31. Ameri K, Jahangiri A, Rajah AM, Tormos KV, Nagarajan R, **Pekmezci M**, Nguyen V, Wheeler ML, Murphy MP, Sanders TA, Jeffrey SS, Yeghiazarians Y, Rinaudo PF, Costello JF, Aghi MK, Maltepe E. HIGD1A Regulates Oxygen Consumption, ROS Production, and AMPK Activity during Glucose Deprivation to Modulate Cell Survival and Tumor Growth.  
*Cell Rep.* 2015. pii: S2211-1247(15)00033-9. PMID: 25683712.
32. Ud Din N, **Pekmezci M**, Javed G, Horvai AE, Ahmad Z, Faheem M, Navarro AL, López-Terrada D, Perry A. Low-grade small round cell tumor of the cauda equina with EWSR1-WT1 fusion and indolent clinical course.  
*Hum Pathol.* 2015; 46(1):153-8. PMID: 25454478
33. Orengo JP, **Pekmezci M**, Cree BA. Simultaneous serum aquaporin-4 antibody and CSF NMDA receptor antibody-positive encephalitis.  
*Neurol Neuroimmunol Neuroinflamm.* 2015; 2(3):e101. PMID: 25884011.



34. Hirbe AC, Dahiya S, Miller CA, Li T, Fulton RS, Zhang X, McDonald S, DeSchryver K, Duncavage EJ, Walrath J, Reilly KM, Abel HJ, **Pekmezci M**, Perry A, Ley TJ, Gutmann DH.  
Whole Exome Sequencing Reveals the Order of Genetic Changes during Malignant Transformation and Metastasis in a Single Patient with NF1-plexiform Neurofibroma.  
*Clin Cancer Res.* 2015; 21(18):4201-11. PMID: 25925892.
35. Reis GF, **Pekmezci M**, Hansen HM, Rice T, Marshall RE, Molinaro AM, Phillips JJ, Vogel H, Wiencke JK, Wrensch MR, Walsh KM, Perry A.  
CDKN2A Loss Is Associated With Shortened Overall Survival in Lower-Grade (World Health Organization Grades II-III) Astrocytomas.  
*J Neuropathol Exp Neurol.* 2015; 74(5):442-52. PMID: 25853694. PMCID: PMC4397174
36. Mack SC, Agnihotri S, Bertrand KC, Wang X, Shih DJ, Witt H, Hill N, Zayne K, Barszczyk M, Ramaswamy V, Remke M, Thompson Y, Ryzhova M, Massimi L, Grajkowska W, Lach B, Gupta N, Weiss WA, Guha A, Hawkins C, Croul S, Rutka JT, Pfister SM, Korshunov A, **Pekmezci M**, Tihan T, Philips JJ, Jabado N, Zadeh G, Taylor MD.  
Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype.  
*Clin Cancer Res.* 2015; 21(16):3750-8. PMID: 25957288.
37. Bell RJ, Rube HT, Kreig A, Mancini A, Fouse SD, Nagarajan RP, Choi S, Hong C, He D, **Pekmezci M**, Wiencke JK, Wrensch MR, Chang SM, Walsh KM, Myong S, Song JS, Costello JF.  
The transcription factor GABP selectively binds and activates the mutant TERT promoter in cancer.  
*Science.* 2015; 348(6238):1036-9. PMID: 25977370.
38. Mabray MC, **Pekmezci M**, Deck MA, Perry A, Cha S.  
Cerebral Fat Embolism Syndrome as Diffuse Susceptibility on Gradient Imaging: Pathologic Correlation in a Patient with Sickle Cell Trait.  
*Neurographics.* 2015;5(3):124-7. <http://dx.doi.org/10.3174/ng.3150113>
39. Eckel-Passow JE, Lachance DH, Molinaro AM, Walsh KM, Decker PA, Sicotte H, **Pekmezci M**, Rice T, Kosel ML, Smirnov IV, Sarkar G, Caron AA, Kollmeyer TM, Praska CE, Chada AR, Halder C, Hansen HM, McCoy LS, Bracci PM, Marshall R, Zheng S, Reis GF, Pico AR, O'Neill BP, Buckner JC, Giannini C, Huse JT, Perry A, Tihan T, Berger MS, Chang SM, Prados MD, Wiemels J, Wiencke JK, Wrensch MR, Jenkins RB.  
Glioma Groups Based on 1p/19q, IDH, and TERT Promoter Mutations in Tumors.  
*N Engl J Med.* 2015; 372(26):2499-508. PMID: 26061753.
40. Kleinschmidt-DeMasters BK, Donson AM, Richmond AM, **Pekmezci M**, Tihan T, Foreman NK.  
SOX10 Distinguishes Pilocytic and Pilomyxoid Astrocytomas From Ependymomas but Shows No Differences in Expression Level in Ependymomas From Infants Versus Older Children or Among Molecular Subgroups.  
*J Neuropathol Exp Neurol.* 2016; 75(4):295-8. PMID: 26945037
41. Bayliss J, Mukherjee P, Lu C, Jain SU, Chung C, Martinez D, Sabari B, Margol AS, Panwalkar P, Parolia A, **Pekmezci M**, McEachin RC, Cieslik M, Tamrazi B, Garcia BA, La Rocca G, Santi M, Lewis PW, Hawkins C, Melnick A, David Allis C, Thompson CB, Chinnaiyan AM, Judkins AR, Venneti S.  
Lowered H3K27me3 and DNA hypomethylation define poorly prognostic pediatric posterior fossa ependymomas.  
*Sci Transl Med.* 2016; 8(366):366ra161. PMID: 27881822

42. **Pekmezci M**, Nelson J, Su H, Hess C, Lawton MT, Sonmez M, Young WL, Kim H, Tihan T.  
Morphometric characterization of brain arteriovenous malformations for clinical and radiological studies to identify silent intralesional microhemorrhages.  
*Clin Neuropathol.* 2016; 35(3):114-21. PMID: 27049066.
43. **Pekmezci M**, Uysal SP, Orhan Y, Tihan T, Lee HS.  
Pitfalls in the use of whole slide imaging for the diagnosis of central nervous system tumors: A pilot study in surgical neuropathology.  
*J Pathol Inform.* 2016; 7:25. PMID: 27217975.
44. Winkler EA, Birk H, Safaee M, Yue JK, Burke JF, Viner JA, **Pekmezci M**, Perry A, Aghi MK, Berger MS, McDermott MW.  
Surgical resection of fourth ventricular ependymomas: case series and technical nuances.  
*J Neurooncol.* 2016; 130(2):341-349. PMID: 27778210
45. Ersen A, **Pekmezci M**, Folpe AL, Tihan T.  
Comparison of New Diagnostic Tools for Malignant Peripheral Nerve Sheath Tumors.  
*Pathol Oncol Res.* 2017; 23(2):393-398. PMID: 27734293
46. Tamrazi B, **Pekmezci M**, Aboian M, Tihan T, Glastonbury CM.  
Apparent diffusion coefficient and pituitary macroadenomas: pre-operative assessment of tumor atypia.  
*Pituitary.* 2017; 20(2):195-200. PMID: 27734275
47. Hirbe AC, Kaushal M, Sharma MK, Dahiya S, **Pekmezci M**, Perry A, Gutmann DH.  
Clinical genomic profiling identifies TYK2 mutation and overexpression in patients with neurofibromatosis type 1-associated malignant peripheral nerve sheath tumors.  
*Cancer.* 2017; 123(7):1194-1201. PMID: 27875628
48. **Pekmezci M**, Rice T, Molinaro AM, Walsh KM, Decker PA, Hansen HM, Sicotte H, Kollmeyer TM, McCoy LS, Sarkar G, Perry A, Giannini C, Tihan T, Berger MS, Wiemels JL, Bracci PM, Eckel-Passow JE, Lachance DH, Clarke J, Taylor JW, Luks T, Wiencke JK, Jenkins RB, Wrensch MR.  
Adult Infiltrating Gliomas with WHO 2016 Integrated Diagnosis: Additional Prognostic Roles of ATRX and TERT.  
*ACTA Neuropathologica.* 2017; 133(6):1001-1016. PMID: 28255664. PMCID: PMC5432658.
49. Panwalkar P, Clark J, Ramaswamy V, Hawes D, Yang F, Dunham C, Yip S, Hukin J, Sun Y, Schipper MJ, Chavez L, Margol A, **Pekmezci M**, Chung C, Banda A, Bayliss JM, Curry SJ, Santi M, Rodriguez FJ, Snuderl M, Karajannis MA, Saratsis AM, Horbinski CM, Carret AS, Wilson B, Johnston D, Lafay-Cousin L, Zelcer S, Eisenstat D, Silva M, Scheinemann K, Jabado N, McNeely PD, Kool M, Pfister SM, Taylor MD, Hawkins C, Korshunov A, Judkins AR, Venneti S.  
Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome.  
*Acta Neuropathol.* 2017; 134(5):705-714. PMID: 28733933. PMCID: PMC5647236
50. **Pekmezci M**, Cuevas-Ocampo AK, Perry A, Horvai AE.  
Significance of H3K27me3 loss in the diagnosis of malignant peripheral nerve sheath tumors.  
*Mod Pathol.* 2017; 30(12):1710-1719. PMID: 28776579

51. Lee J, **Pekmezci M**, Lavezo J, Vogel H, Perry A, Tihan T.  
Utility of Pit-1 Immunostaining in Distinguishing Pituitary Adenomas of Primitive Differentiation from Null Cell Adenomas.  
*Endocr Pathol.* 2017; 28(4):287-292. PMID: 28994039.
52. **Pekmezci M**, Stevers M, Phillips JJ, Van Ziffle J, Bastian BC, Tsankova NM, Kleinschmidt-DeMasters BK, Rosenblum MK, Tihan T, Perry A, Solomon DA.  
Multinodular and vacuolating neuronal tumor of the cerebrum is a clonal neoplasm defined by genetic alterations that activate the MAP kinase signaling pathway.  
*Acta Neuropathol.* 2018;135(3):485-488. PMID: 29428973.
53. Lu HC, Eulo V, Apicelli AJ, **Pekmezci M**, Tao Y, Luo J, Hirbe AC, Dahiya S.  
Aberrant ATRX protein expression is associated with poor overall survival in NF1-MPNST.  
*Oncotarget.* 2018; 9(33):23018-23028. PMID: 29796169. PMCID: PMC5955415
54. Vasudevan HN, Braunstein SE, Phillips JJ, **Pekmezci M**, Tomlin BA, Wu A, Reis GF, Magill ST, Zhang J, Feng FY, Nicholaides T, Chang SM, Sneed PK, McDermott MW, Berger MS, Perry A, Raleigh DR.  
Comprehensive Molecular Profiling Identifies FOXM1 as a Key Transcription Factor for Meningioma Proliferation.  
*Cell Rep.* 2018; 22(13):3672-3683. PMID: 29590631
55. **Pekmezci M**, Villanueva-Meyer JE, Goode B, Van Ziffle J, Onodera C, Grenert JP, Bastian BC, Chamyan G, Maher OM, Khatib Z, Kleinschmidt-DeMasters BK, Samuel D, Mueller S, Banerjee A, Clarke JL, Cooney T, Torkildson J, Gupta N, Theodosopoulos P, Chang EF, Berger M, Bollen AW, Perry A, Tihan T, Solomon DA.  
The genetic landscape of ganglioglioma.  
*Acta Neuropathol Commun.* 2018; 6(1):47. PMID: 29880043. PMCID: PMC5992851
56. Solomon DA, Korshunov A, Sill M, Jones DTW, Kool M, Pfister SM, Fan X, Bannykh S, Hu J, Danielpour M, Li R, Johnston J, Cham E, Cooney T, Sun PP, Oberheim Bush NA, McDermott M, Van Ziffle J, Onodera C, Grenert JP, Bastian BC, Villanueva-Meyer JE, **Pekmezci M**, Bollen AW, Perry A.  
Myxoid glioneuronal tumor of the septum pellucidum and lateral ventricle is defined by a recurrent PDGFRA p.K385 mutation and DNT-like methylation profile.  
*Acta Neuropathol.* 2018;136(2):339-343. PMID: 30006677
57. Theophanous C, **Pekmezci M**, Damato BE, Kao AA, Bloomer MM, Stewart JM, Afshar AR.  
Choroidal Lymphoma Discovered on Ultrasound in a Patient with Suspected Corneal Tumor.  
*Ocul Oncol Pathol.* 2018; 4(5):318-321. PMID: 30320105. PMCID: PMC6167682
58. Lopez GY, Van Ziffle J, Onodera C, Grenert JP, Yeh I, Bastian BC, Clarke J, Oberheim Bush NA, Taylor J, Chang S, Butowski N, Banerjee A, Mueller S, Kline C, Torkildson J, Samuel D, Siongco A, Raffel C, Gupta N, Kunwar S, Mummaneni P, Aghi M, Theodosopoulos P, Berger M, Phillips JJ, **Pekmezci M**, Tihan T, Bollen AW, Perry A, Solomon DA.  
The genetic landscape of gliomas arising after therapeutic radiation.  
*Acta Neuropathol.* 2019;137(1):139-150. PMID: 30196423
59. Afshar AR\*, **Pekmezci M\***, Bloomer MM, Cadenas NJ, Stevers M, Banerjee A, Roy R, Olshen AB, Van Ziffle J, Onodera C, Devine WP, Grenert JP, Bastian BC, Solomon DA, Damato BE.  
Next-Generation Sequencing of Retinoblastoma Identifies Pathogenic Alterations beyond

RB1 Inactivation That Correlate with Aggressive Histopathologic Features.

*Ophthalmology*. 2019 Dec 12. pii: S0161-6420(19)32330-9. doi:

10.1016/j.ophtha.2019.12.005. [Epub ahead of print] PMID: 32139107

\* Co-first author

60. Morin O, Chen WC, Nassiri F, Susko M, Magill ST, Vasudevan HN, Wu A, Vallières M, Gennatas ED, Valdes G, **Pekmezci M**, Alcaide-Leon P, Choudhury A, Interian Y, Mortezaei S, Turgutlu K, Bush NAO, Solberg TD, Braunstein SE, Sneed PK, Perry A, Zadeh G, McDermott MW, Villanueva-Meyer JE, Raleigh DR.  
Integrated models incorporating radiologic and radiomic features predict meningioma grade, local failure, and overall survival.  
*Neurooncol Adv*. 2019 May-Dec; 1(1):vdz011. PMID: 31608329. PMCID: PMC6777505
61. Rodriguez FJ, Graham MK, Brosnan-Cashman JA, Barber JR, Davis C, Vizcaino MA, Palsgrove DN, Giannini C, **Pekmezci M**, Dahiya S, Gokden M, Noë M, Wood LD, Pratilas CA, Morris CD, Belzberg A, Blakeley J, Heaphy CM.  
Telomere alterations in neurofibromatosis type 1-associated solid tumors.  
*Acta Neuropathol Commun*. 2019 Aug 28; 7(1):139. PMID: 31462295. PMCID: PMC6712691
62. Garakani R, Kersten R, **Pekmezci M**.  
Intracapsular High-Grade Ductal Carcinoma In-Situ Ex Pleomorphic Adenoma of the Lacrimal Gland.  
*Ophthalmic Plast Reconstr Surg*. 2020 Jan/Feb;36(1):e1-e3. PMID: 31743286
63. Phillips JJ, Gong H, Chen K, Joseph NM, van Ziffle J, Bastian BC, Grenert JP, Kline CN, Mueller S, Banerjee A, Nicolaidis T, Gupta N, Berger MS, Lee HS, **Pekmezci M**, Tihan T, Bollen AW, Perry A, Shieh JTC, Solomon DA.  
The genetic landscape of anaplastic pleomorphic xanthoastrocytoma.  
*Brain Pathol*. 2019;29(1):85-96. PMID: 30051528
64. Sloan EA, Cooney T, Oberheim Bush NA, Buerki R, Taylor J, Clarke JL, Torkildson J, Kline C, Reddy A, Mueller S, Banerjee A, Butowski N, Chang S, Mummaneni PV, Chou D, Tan L, Theodosopoulos P, McDermott M, Berger M, Raffel C, Gupta N, Sun PP, Li Y, Shah V, Cha S, Braunstein S, Raleigh DR, Samuel D, Scharnhorst D, Fata C, Guo H, Moes G, Kim JYH, Koschmann C, Van Ziffle J, Onodera C, Devine P, Grenert JP, Lee JC, **Pekmezci M**, Phillips JJ, Tihan T, Bollen AW, Perry A, Solomon DA.  
Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas.  
*Acta Neuropathol*. 2019;138(5):877-881. PMID: 31515627. PMCID: PMC6818961
65. Shamir ER, Devine WP, **Pekmezci M**, Umetsu SE, Krings G, Federman S, Cho SJ, Saunders TA, Jen KY, Bergsland E, Jones K, Kim GE, Kakar S, Chiu CY, Joseph NM.  
Identification of high-risk human papillomavirus and Rb/E2F pathway genomic alterations in mutually exclusive subsets of colorectal neuroendocrine carcinoma.  
*Mod Pathol*. 2019;32(2):290-305 PMID: 30237525
66. Lucas CG, Villanueva-Meyer JE, Whipple N, Oberheim Bush NA, Cooney T, Chang S, McDermott M, Berger M, Cham E, Sun PP, Putnam A, Zhou H, Bollo R, Cheshier S, Poppe MM, Fung KM, Sung S, Glenn C, Fan X, Bannykh S, Hu J, Danielpour M, Li R, Alva E, Johnston J, Van Ziffle J, Onodera C, Devine P, Grenert JP, Lee JC, **Pekmezci M**, Tihan T, Bollen AW, Perry A, Solomon DA.  
Myxoid glioneuronal tumor, PDGFRA p.K385-mutant: clinical, radiologic, and histopathologic features.  
*Brain Pathol*. 2019;30(3):479-494. PMID: 31609499

67. Lee JC, Sharifai N, Dahiya S, Kleinschmidt-DeMasters BK, Rosenblum MK, Reis GF, Samuel D, Siongco AM, Santi M, Storm PB, Ferris SP, Bollen AW, **Pekmezci M**, Solomon DA, Tihan T, Perry A.  
Clinicopathologic features of anaplastic myxopapillary ependymomas.  
*Brain Pathol.* 2019;29(1):75-84. PMID: 30417460
68. Shamir ER, Chen YY, Chu T, **Pekmezci M**, Rabban JT, Krings G.  
Pleomorphic and Florid Lobular Carcinoma in Situ Variants of the Breast: A Clinicopathologic Study of 85 Cases With and Without Invasive Carcinoma From a Single Academic Center.  
*Am J Surg Pathol.* 2019;43(3):399-408. PMID: 30489319
69. Morshed RA, Han SJ, Hervey-Jumper SL, **Pekmezci M**, Troncon I, Chang SM, Butowski NA, Berger MS.  
Molecular features and clinical outcomes in surgically treated low-grade diffuse gliomas in patients over the age of 60.  
*J Neurooncol.* 2019; 141(2):383-391. PMID: 30498891
70. Eckel-Passow JE, Decker PA, Kosel ML, Kollmeyer TM, Molinaro AM, Rice T, Caron A, Drucker KL, Praska C, **Pekmezci M**, Hansen HM, McCoy LS, Bracci PM, Erickson BJ, Lucchinetti C, Wiemels J, Wiencke JK, Bondy ML, Melin B, Burns TC, Giannini C, Lachance DH, Wrensch M, Jenkins RB.  
Using germline variants to estimate glioma and subtype risks.  
*Neuro Oncol.* 2019;21(4):451-461. PMID: 30624711
71. Ferris SP, Velazquez Vega J, Aboian M, Lee JC, Ziffle JV, Onodera C, Grenert JP, Saunders T, Chen YY, Banerjee A, Kline CN, Gupta N, Raffel C, Samuel D, Ruiz-Diaz I, Magaki S, Wilson D, Neltner J, Al-Hajri Z, Phillips JJ, **Pekmezci M**, Bollen AW, Tihan T, Schniederjan M, Cha S, Perry A, Solomon DA.  
High-grade neuroepithelial tumor with BCOR exon 15 internal tandem duplication - a comprehensive clinical, radiographic, pathologic, and genomic analysis.  
*Brain Pathol.* 2020;30(1):46-62. PMID: 31104347
72. Moussa K, Feinstein M, **Pekmezci M**, Lee JH, Bloomer M, Oldenburg C, Sun Z, Lee RK, Ying GS, Han Y. Histologic Changes Following Continuous Wave and Micropulse Transscleral Cyclophotocoagulation: A Randomized Comparative Study.  
*Transl Vis Sci Technol.* 2020 Apr; 9(5):22. PMID: 32821494. PMCID: PMC7401863
73. Findakly S, Choudhury A, Daggubati V, **Pekmezci M**, Lang UE, Raleigh DR.  
Meningioma cells express primary cilia but do not transduce ciliary Hedgehog signals.  
*Acta Neuropathol Commun.* 2020 07 20; 8(1):114. PMID: 32690089. PMCID: PMC7370519
74. Lucas CG, Gupta R, Doo P, Lee JC, Cadwell CR, Ramani B, Hofmann JW, Sloan EA, Kleinschmidt-DeMasters BK, Lee HS, Wood MD, Grafe M, Born D, Vogel H, Salamat S, Puccetti D, Scharnhorst D, Samuel D, Cooney T, Cham E, Jin LW, Khatib Z, Maher O, Chamyan G, Brathwaite C, Bannykh S, Mueller S, Kline CN, Banerjee A, Reddy A, Taylor JW, Clarke JL, Oberheim Bush NA, Butowski N, Gupta N, Auguste KI, Sun PP, Roland JL, Raffel C, Aghi MK, Theodosopoulos P, Chang E, Hervey-Jumper S, Phillips JJ, **Pekmezci M**, Bollen AW, Tihan T, Chang S, Berger MS, Perry A, Solomon DA.  
Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor.  
*Acta Neuropathol Commun.* 2020 Aug 28; 8(1):151. PMID: 32859279. PMCID: PMC7456392

75. Toland A, McNulty SN, **Pekmezci M**, Evenson M, Huntoon K, Pierson CR, Boue DR, Perry A, Dahiya S.  
Pediatric meningioma: a clinicopathologic and molecular study with potential grading implications.  
*Brain Pathol.* 2020 Jul 27. PMID: 32716568
76. Chen WC, Vasudevan HN, Choudhury A, **Pekmezci M**, Lucas CG, Phillips J, Magill ST, Susko MS, Braunstein SE, Oberheim Bush NA, Boreta L, Nakamura JL, Villanueva-Meyer JE, Sneed PK, Perry A, McDermott MW, Solomon DA, Theodosopoulos PV, Raleigh DR. A Prognostic Gene-Expression Signature and Risk Score for Meningioma Recurrence After Resection.  
*Neurosurgery.* 2020 Aug 29. PMID: 32860417
77. Godec A, Jayasinghe R, Chrisinger JSA, Prudner B, Ball T, Wang Y, Srihari D, Kaushal M, Dietz H, Zhang X, **Pekmezci M**, Dahiya S, Tao Y, Luo J, Van Tine BA, Ding L, Gutmann DH, Hirbe AC.  
Whole exome sequencing reveals the maintained polyclonal nature from primary to metastatic malignant peripheral nerve sheath tumor in two patients with NF1.  
*Neurooncol Adv.* 2020 Jul; 2(Suppl 1):i75-i84. PMID: 32642734. PMCID: PMC7317063
78. Ramani B, Gupta R, Wu J, Barreto J, Bollen AW, Tihan T, Mummaneni PV, Ames C, Clark A, Oberheim Bush NA, Butowski N, Phillips D, King BE, Bator SM, Treynor EC, Zherebitskiy V, Quinn PS, Walker JB, **Pekmezci M**, Sullivan DV, Hofmann JW, Sloan EA, M Chang S, Berger MS, Solomon DA, Perry A. The immunohistochemical, DNA methylation, and chromosomal copy number profile of cauda equina paraganglioma is distinct from extra-spinal paraganglioma.  
*Acta Neuropathol.* 2020 Sep 06. PMID: 32892244
79. Prager BC, Vasudevan HN, Dixit D, Bernatchez JA, Wu Q, Wallace LC, Bhargava S, Lee D, King BH, Morton AR, Gimple RC, **Pekmezci M**, Zhu Z, Siqueira-Neto JL, Wang X, Xie Q, Chen C, Barnett GH, Vogelbaum MA, Mack SC, Chavez L, Perry A, Raleigh DR, Rich JN.  
The Meningioma Enhancer Landscape Delineates Novel Subgroups and Drives Druggable Dependencies.  
*Cancer Discov.* 2020 Jul 23. PMID: 32703768
80. Magill ST, Vasudevan HN, Seo K, Villanueva-Meyer JE, Choudhury A, John Liu S, **Pekmezci M**, Findakly S, Hilz S, Lastella S, Demaree B, Braunstein SE, Bush NAO, Aghi MK, Theodosopoulos PV, Sneed PK, Abate AR, Berger MS, McDermott MW, Lim DA, Ullian EM, Costello JF, Raleigh DR. Multiplatform genomic profiling and magnetic resonance imaging identify mechanisms underlying intratumor heterogeneity in meningioma.  
*Nat Commun.* 2020 09 23; 11(1):4803. PMID: 32968068. PMCID: PMC7511976
81. Lee JC, Villanueva-Meyer JE, Ferris SP, Cham EM, Zucker J, Cooney T, Gilani A, Kleinschmidt-DeMasters BK, Trembath D, Mafra M, Chiang J, Ellison DW, Cho SJ, Horvai AE, Van Ziffle J, Onodera C, Devine P, Grenert JP, de Voijs CMA, van Blokland WTM, de Leng WWJ, Ploegmakers MJ, Flucke U, **Pekmezci M**, Bollen AW, Tihan T, Koelsche C, von Deimling A, Wesseling P, Solomon DA, Perry A.  
Clinicopathologic and Molecular Features of Intracranial Desmoplastic Small Round Cell Tumors.  
*Brain Pathol.* 2020;30(2):213-225. PMID: 31837177

82. Eckel-Passow JE, Drucker KL, Kollmeyer TM, Kosel ML, Decker PA, Molinaro AM, Rice T, Praska CE, Clark L, Caron A, Abyzov A, Batzler A, Song JS, **Pekmezci M**, Hansen HM, McCoy LS, Bracci PM, Wiemels J, Wiencke JK, Francis S, Burns TC, Giannini C, Lachance DH, Wrensch M, Jenkins RB.  
Adult Diffuse Glioma GWAS by Molecular Subtype Identifies Variants in D2HGDH and FAM20C.  
*Neuro Oncol.* 2020 May 09. PMID: 32386320
83. **Pekmezci M**, Phillips JJ, Dirilenoglu F, Atasever-Rezanko T, Tihan T, Solomon D, Bollen A, Perry A.  
Loss of H3K27 trimethylation by immunohistochemistry is frequent in oligodendroglioma, IDH-mutant and 1p/19q-codeleted, but is neither a sensitive nor a specific marker.  
*Acta Neuropathol.* 2020;139(3):597-600. PMID: 31912209
84. Mondal G, Lee JC, Ravindranathan A, Villanueva-Meyer JE, Tran QT, Allen SJ, Barreto J, Gupta R, Doo P, Van Ziffle J, Onodera C, Devine P, Grenert JP, Samuel D, Li R, Metrock LK, Jin LW, Antony R, Alashari M, Cheshier S, Whipple NS, Bruggers C, Raffel C, Gupta N, Kline CN, Reddy A, Banerjee A, Hall MD, Mehta MP, Khatib Z, Maher OM, Brathwaite C, **Pekmezci M**, Phillips JJ, Bollen AW, Tihan T, Lucas JT, Broniscer A, Berger MS, Perry A, Orr BA, Solomon DA.  
Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition.  
*Acta Neuropathol.* 2020 Apr 17. PMID: 32303840
85. Sloan EA, Hilz S, Gupta R, Cadwell C, Ramani B, Hofmann J, Kline CN, Banerjee A, Reddy A, Oberheim Bush NA, Chang S, Braunstein S, Chang EF, Raffel C, Gupta N, Sun PP, Kim JYH, Moes G, Alva E, Li R, Bruggers CS, Alashari M, Wetmore C, Garg S, Dishop M, Van Ziffle J, Onodera C, Devine P, Grenert JP, Lee JC, Phillips JJ, **Pekmezci M**, Tihan T, Bollen AW, Berger MS, Costello JF, Perry A, Solomon DA.  
Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features.  
*Acta Neuropathol.* 2020;139(5):953-957. PMID: 32157385

## REVIEW ARTICLES

1. Tihan T, **Pekmezci M**, Karnezis A. Neural stem cells and their role in the pathology and classification of central nervous system tumors.  
*Turk Patoloji Derg.* 2011 Jan; 27(1):1-11. PMID: 21469420
2. **Pekmezci M**, Perry A. Neuropathology of brain metastases.  
*Surg Neurol Int.* 2013; 4(Suppl 4):S245-55. PMID: 23717796. PMCID: PMC3656562
3. Ostrom Q, Davis F, Deltour I, Schwartzbaum JA, Eastman C, Turner M, **Pekmezci M**, Walsh K, Fisher J, Barnholtz-Sloan J. The epidemiology of glioma in adults: a “state of the science” review.  
*Neurooncology* 2014;16(7):896-913. PMID: 24842956. PMCID: PMC4057143
4. **Pekmezci M**, Perry A. Genetic markers in adult high-grade gliomas.  
*Semin Radiat Oncol.* 2014 Oct; 24(4):235-9. PMID: 25219807
5. Ostrom QT, Bauchet L, Davis FG, Deltour I, Fisher JL, Langer CE, **Pekmezci M**, Schwartzbaum JA, Turner MC, Walsh KM, Wrensch MR, Barnholtz-Sloan JS. Response to "the epidemiology of glioma in adults: a 'state of the science' review".  
*Neuro Oncol.* 2015 Apr;17(4):624-6. PMID: 25762697. PMCID: PMC4483084.

6. **Pekmezci M**, Perry A. Practical molecular pathologic diagnosis of infiltrating gliomas. *Surg Pathol Clin*. 2015 Mar; 8(1):49-61. PMID: 25783821
7. **Pekmezci M**, Soylemezoglu F, Onguru O, Oz B, Tihan T. World Health Organization Grade II and III Diffuse Gliomas in Adults. *Turkiye Klinikleri J Med Pathol-Special Topics* 2016;1(2):1-9.
8. Onguru O, Soylemezoglu F, **Pekmezci M**, Oz B, Tihan T. World Health Organization Glioblastoma: Theory and Practice. *Turkiye Klinikleri J Med Pathol-Special Topics* 2016;1(2):10-20.
9. Tihan T, Soylemezoglu F, **Pekmezci M**, Onguru O, Oz B. World Health Organization Pediatric Solid Glial Neoplasms: Current Concepts. *Turkiye Klinikleri J Med Pathol-Special Topics* 2016;1(2):21-9.
10. Asa SL, Asioli S, Bozkurt S, Casar-Borota O, Chinezu L, Comunoglu N, Cossu G, Cusimano M, Delgrange E, Earls P, Ezzat S, Gazioglu N, Grossman A, Guaraldi F, Hickman RA, Ikeda H, Jaffrain-Rea ML, Karavitaki N, Kraljevic I, La Rosa S, Manojlovic-Gacic E, Maartens N, McCutcheon IE, Messerer M, Mete O, Nishioka H, Oz B, Pakbaz S, **Pekmezci M**, Perry A, Reiniger L, Roncaroli F, Saeger W, Söylemezoglu F, Tachibana O, Trouillas J, Turchini J, Uccella S, Villa C, Yamada S, Yarman S. Pituitary neuroendocrine tumors (PitNETs): nomenclature evolution, not clinical revolution. *Pituitary*. 2019 Dec 13. PMID: 31834538

## BOOKS AND CHAPTERS

1. Solomon DA, **Pekmezci M**. Pathology of Meningiomas. In: McDermott M, Theodosopoulos P (eds) Meningiomas, Handbook of Clinical Neurology, 2020, Elsevier Science. *Handb Clin Neurol*. 2020; 169:87-99. PMID: 32553300
2. Hervey-Jumper S, Muraszko K, **Pekmezci M**. Central Nervous System Embryonal tumors. In: Youmans and Winn Neurological Surgery, 8th edition, 4 volume set, 2020. Elsevier Science.
3. **Pekmezci M**, Kulac I. Neuropathology primer. In: Mrugala MM, Gatson NTN, Clarke J, Kurz SC, Nevel K. Neuro-Oncology Compendium for the Boards and Clinical Practice, 2020, Oxford University Press.
4. Kleinschmidt-De Masters BK, **Pekmezci M**, Rodriguez F, Tihan T (eds). Diagnostic Neuropathology, 3rd edition, 2021. Elsevier Science.
5. Rosenblum M, Komori T, Giangaspero F, Giannini C, **Pekmezci M**, Huse JT. Multinodular and vacuolating neuronal tumour. In: Louis D, Brat DJ, Reifenberger GR, et al (eds). WHO Classification of Tumours of the Central Nervous System. 5th ed. 2021. International Agency for Research on Cancer.
6. Rosenblum M, Komori T, Giangaspero F, Giannini C, **Pekmezci M**, Huse JT. Multinodular and vacuolating neuronal tumour. In: Alaggio R, Reyes-Múgica MRM, Hill DA, et al (eds). WHO Classification of Pediatric Tumours. 1st ed. 2021. International Agency for Research on Cancer.