

**University of California, San Francisco**  
**CURRICULUM VITAE**

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

**Position:** Associate Professor of Clinical Pathology  
Departments of Pathology and Ophthalmology  
School of Medicine

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**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, License # 04-392-105
01/2006	ECFMG Certificate, # 0-670-675-8
09/2012	California Medical License, # A 123227
10/2015	American Board of Pathology, Anatomic Pathology

## M. Pekmezci – Curriculum Vitae

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 - 06/2021	University of California San Francisco	Assistant Professor of Clinical Pathology	Department of Anatomic Pathology
07/2016 - 06/2021	University of California San Francisco	Assistant Professor	Department of Ophthalmology
07/2016 - present	San Francisco Veterans Affairs Medical Center	Staff Pathologist	Department of Anatomic Pathology
07/2021 - present	University of California San Francisco	Associate Professor of Clinical Pathology	Department of Anatomic Pathology
07/2021 - present	University of California San Francisco	Associate 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

## **HONORS AND AWARDS**

1998	Valedictorian of Graduating Class	Meram Anatolian High School
2004	Salutatorian of Graduating Class	Hacettepe University Faculty of Medicine
2023	Faculty Teaching Award	University of California San Francisco, Department of Pathology

## **KEYWORDS/AREAS OF INTEREST**

Neuropathology, Ophthalmic Pathology, Anatomic Pathology

## **CLINICAL ACTIVITIES**

### **CLINICAL SERVICES**

- 2016 - present San Francisco VAMC Anatomic Pathology service
- 2016 - present UCSF Neuropathology Surgical Service
- 2016 - present UCSF Ophthalmic Pathology Service
- 2021 - present UCSF Clinical Cancer Genomic Laboratory

## **PROFESSIONAL ACTIVITIES**

### **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 NeuroOncology

### **SERVICE TO PROFESSIONAL ORGANIZATIONS**

2016 - 2018	The American Association of Neuropathologists; Membership Committee	Member
2016 - 2018	Turkish Federation of Pathology Societies, Neuropathology Working Group - WHO tumor classification nomenclature initiative	Member
2018 - present	Turkish Federation of Pathology Societies, Neuropathology Working Group - Neuropathology training certification task force	Member
2019 - present	The American Association of Neuropathologists, Education Committee	Member
2021 - 2022	Moleküler Patoloji Yapılandırılmış Uzmanlık Eğitim Kursu (MPYUEK) - Molecular Pathology, Structured Subspecialty Training Program- Turkiye	Instructor
2022 - 2022	The American Board of Pathology (ABPath), Test Development and Advisory Committee	Member
2023 - 2023	International Congress of Neuropathology, ICN2023, Berlin, Germany, Supporting Scientific Committee	Member

### **SERVICE TO PROFESSIONAL PUBLICATIONS**

2015 - 2016	Ad hoc referee for Ophthalmic Plastic and Reconstructive Surgery
2017 - present	Ad hoc referee for British Journal of Cancer
2017 - present	Regular referee for Acta Neuropathologica (4-5 manuscripts/year)
2017 - present	Ad hoc referee for Journal of the National Comprehensive Cancer Network
2018 - 2022	Ad hoc referee for Brain Pathology
2018 - 2022	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	Regular referee for Acta Neuropathologica Communications (4-5 manuscripts/year)
2022 - present	Journal of Neuropathology and Experimental Neurology- Editorial board member
2022 - present	Brain Pathology - Editorial board member

### **INVITED PRESENTATIONS - INTERNATIONAL**

2017	KUSOM Surgical Pathology Workshop, Istanbul, Turkiye - Integrated Histologic - Molecular diagnosis of diffuse gliomas	Lecturer
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2018	Turkish Federation of Pathology Societies, Annual National Meeting, Ankara, Turkiye - Molecular Neuropathology	Lecturer
2019	Istanbul University Cerrahpasa School of Medicine, Department of Pathology Grand Rounds, Istanbul, Turkey - Pediatric and Adult diffuse gliomas	Lecturer
2019	Akdeniz University School of Medicine, Career Day, Antalya, Turkiye	Panelist
2020	Multidisciplinary NeuroOncology Meeting-Turkiye (Virtual) - Upcoming WHO 2021 CNS tumor classification	Lecturer
2021	Turkish National Pathology Meeting, Istanbul, Turkiye (Virtual) - Ophthalmic Pathology mini-symposium (4 lectures - Macroscopic examination of the eye, Cornea, Uveal melanoma, Retinoblastoma)	Lecturer
2022	International Society for Immunohistochemistry and Molecular Morphology (Virtual) - Immunohistochemistry in Oncologic Neuropathology	Lecturer
2023	Turkish National Pathology Meeting, Antalya, Turkiye - Immunohistochemistry in Oncologic Neuropathology	Lecturer

#### **INVITED PRESENTATIONS - NATIONAL**

2017	American Association of Neuropathologists Annual Meeting, June, Garden Grove, CA	Moderator
2018	Ophthalmic Pathology Evening Session at USCAP Annual Meeting - Uveal Ganglioneuroma- March- Vancouver, BC, Canada	Lecturer
2019	American Association of Neuropathologists Companion Meeting at USCAP Annual Meeting - Pediatric Diffuse Gliomas - March, National Harbor, MD	Lecturer
2019	Neuropathology Evening Session at USCAP Annual Meeting - CNS Tumor with BCOR internal tandem duplication - March, National Harbor, MD	Lecturer
2020	American Association of Neuropathologists Annual Meeting (Virtual)	Moderator
2020	Ohio State University, Pathology Grand Rounds (Virtual) - Diagnosis of diffuse gliomas and impending changes in 2021 WHO classification	Lecturer
2021	AANP Teaching Rounds (Virtual) - Diagnosis of diffuse gliomas	Lecturer
2021	35th Annual Contemporary Topics in Surgical Pathology: Neuropathology (Ascension Saint Thomas, Nashville, TN) - Peripheral nerve sheath tumors	Lecturer
2021	35th Annual Contemporary Topics in Surgical Pathology: Neuropathology (Ascension Saint Thomas, Nashville, TN) - Practical Ophthalmic Pathology	Lecturer
2022	Historical Pathology Society Companion Meeting at USCAP Annual Meeting - Dorothy S. Russell - March, Los Angeles, CA	Lecturer
2022	Approach to intraoperative diagnosis in surgical neuropathology - USCAP Annual Meeting - Interactive Microscopy Session - March, Los Angeles, CA	Interactive microscopy session

2022	Neuropathology and Ophthalmic Pathology Evening Session at USCAP Annual Meeting - Optic nerve sheath meningioma - March, Los Angeles	Lecturer
2023	Approach to intraoperative diagnosis in surgical neuropathology - USCAP Annual Meeting - Interactive Microscopy Session - March, New Orleans, LA	Interactive microscopy session
2023	American Association of Ophthalmic Oncology and Pathology Companion Meeting at USCAP Annual Meeting - Melanocytic tumors of the Conjunctiva and Uvea - March, New Orleans, LA	Lecturer
2023	USCAP Annual Meeting, Neuropathology and Ophthalmic Pathology Platform Session - March, New Orleans, LA	Moderator
2023	American Association of Neuropathologists Annual Meeting, Non-gliial tumors platform session - June, Monterey, CA	Moderator

**INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS**

2016	Pituitary Disorders: Advances in Diagnosis and Management Course - Pathology of pituitary adenomas	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 - Balamuthia amoebic encephalitis	Lecturer
2019	52nd Annual Recent Advances in Neurology Course - Anaplastic astrocytoma	Lecturer
2019	Current Issues in Anatomic Pathology - Intraoperative evaluation of neuropathology specimens	Interactive microscopy session
2019	Bay Area Ophthalmology Course- Anatomy and Pathology of the Eyelid and Conjunctiva- Stanford University	Lecturer
2022	Bay Area Ophthalmology Course- Anatomy and Pathology of the Retina, Choroid and Vitreous- Stanford University	Lecturer (2 hrs) and Laboratory instructor (2 hrs)
2023	Bay Area Ophthalmology Course- Anatomy and Pathology of the Retina, Choroid and Vitreous- Stanford University	Lecturer (2 hrs) and Laboratory instructor (2 hrs)

**CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT ACTIVITIES**

2016	United States and Canadian Academy of Pathology, Annual Meeting, Seattle, WA
2016	American Association of Neuropathologists, Annual Meeting, Baltimore, MD
2016	Turkish Federation of Pathology Societies, Annual National Meeting, Antalya, Turkey
2017	United States and Canadian Academy of Pathology, Annual Meeting, San Antonio, TX

- 2017 Verhoeff-Zimmermann Society, Annual Meeting, Philadelphia, PA
- 2017 American Association of Neuropathologists, Annual Meeting, Orange County, CA
- 2017 CORO: Tools for Effective Leadership Workshop
- 2018 United States and Canadian Academy of Pathology, Annual Meeting, Vancouver, BC, Canada
- 2018 Verhoeff-Zimmermann Society, Annual Meeting, Baltimore, MD
- 2018 American Association of Neuropathologists, Annual Meeting, Louisville, KY
- 2018 Turkish Federation of Pathology Societies, Annual National Meeting, Ankara, Turkey
- 2019 United States and Canadian Academy of Pathology, Annual Meeting, National Harbor, MD
- 2019 Verhoeff-Zimmermann Society, Annual Meeting, Durham, NC
- 2019 American Association or Neuropathologists, Annual Meeting, Atlanta, GA
- 2019 Society of Neuro-oncology, Annual Meeting, Phoenix, AZ
- 2020 UCSF Diversity, Equity, and Inclusion Champion training, San Francisco, CA
- 2020 United States and Canadian Academy of Pathology, Annual Meeting, Los Angeles, CA
- 2020 American Association or Neuropathologists, Annual Meeting (Virtual)
- 2021 United States and Canadian Academy of Pathology, Annual Meeting (Virtual)
- 2021 American Association or Neuropathologists, Annual Meeting, St. Louis, MO (Hybrid virtual and in-person)
- 2022 United States and Canadian Academy of Pathology, Annual Meeting, Los Angeles, CA
- 2022 Verhoeff-Zimmermann Society (Ophthalmic Oncology and Pathology), Annual Meeting (Virtual)
- 2022 American Association or Neuropathologists, Annual Meeting, Bonita Springs, FL (Hybrid virtual and in-person)
- 2023 United States and Canadian Academy of Pathology, Annual Meeting, New Orleans, LA
- 2023 American Association or Neuropathologists, Annual Meeting, Monterey, CA

**UNIVERSITY AND PUBLIC SERVICE**  
**UC SYSTEM AND MULTI-CAMPUS SERVICE**

2020 - 2021	UC Systemwide Committee Representatives	Member, representing CAF
2021 - 2022	UC Systemwide Committee on Academic Freedom	Vice chair
2022 - 2023	UC Systemwide Committee on Academic Freedom	Chair

### **UCSF CAMPUSWIDE**

2017 - present	CNS Site committee for Clinical trials at UCSF Cancer Center	Member
2019 - 2020	Cancer Research in 2030 Task Force 2: Detecting and Diagnosing Cancer	Member
2019 - 2020	UCSF Committee on Academic Freedom	Member
2020 - 2021	UCSF Committee on Academic Freedom	Vice chair
2021 - 2022	UCSF Committee on Academic Freedom	Chair
2020 - 2023	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	Quality Assurance Committee Member, Monthly meeting
2016 - 2022	Department of Anatomic Pathology, Grand Rounds	Director of 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 - 2020	Digital pathology working groups 1 and 5 (Histology and Education)	Member
2018 - present	Neuropathology Fellowship Clinical Competency Committee	Member
2018 - present	Anatomic Pathology Residency Clinical Competency Committee	Member
2019 - 2019	Faculty Search Committee, San Francisco VA Medical Center and Department of Pathology, UCSF	Member
2019 - present	Anatomic Pathology, Compensation Committee	Member
2019 - 2023	Current Issues in Anatomic Pathology, Planning Committee	Co-Chair



## M. Pekmezci – Curriculum Vitae

2020 - 2023	Department of Ophthalmology, Ophthalmic Pathology Division	Medical Director
2020 - present	Residency Applicant Review Committee	Member
2021 - 2021	Department of Pathology, Strategic Planning Initiative, Next Generation Technologies	Co-Chair
2022 - 2022	Faculty Search Committee, San Francisco VA Medical Center and Department of Pathology, UCSF	Member
2023 - 2023	Search Committee for Anatomic Pathology Residency Program Director, Department of Pathology, UCSF	Member
2023 - 2023	Search Committee for Vice Chair of Education, Department of Pathology, UCSF	Member

### COMMUNITY AND 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

### RESEARCH AND CREATIVE ACTIVITIES

<https://www.ncbi.nlm.nih.gov/myncbi/melike.pekmezci.1/bibliography/public/>

### 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**, Yapple 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, Bhorade 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, Kудay 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**, Vlodaysky 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 Piloxyoid 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
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## OTHER CREATIVE ACTIVITIES

1. **Pekmezci M**, Horvai A, Perry A. Intraneural Glomus-like Tumor Involving Spinal Nerve Roots.  
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6. **M Pekmezci**, L Tabatabai. Intracranial Chordoma.  
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7. **Melike Pekmezci**. Primary choroidal lymphoma.  
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8. **Melike Pekmezci**. HPV-associated ciliated carcinoma of the conjunctiva.  
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9. **Melike Pekmezci**. Lacrimal gland ductal carcinoma in situ ex pleomorphic adenoma.  
Case presentation, Verhoeff-Zimmerman Society Annual Meeting, April 2019, Durham, NC
10. **Melike Pekmezci**. Orbital myopericytoma.  
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