




Hannes Vogel MD

Professor of Pathology and of Pediatrics (Pediatric Genetics) and, by courtesy, of Neurosurgery, Neurology and Neurological Sciences and of Comparative Medicine

 NIH Biosketch available Online

CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

300 Pasteur Dr Rm R241

MC 5324

Stanford, CA 94305

Tel (650) 723-6041 **Fax** (650) 498-5394

Bio

BIO

Hannes Vogel is Professor of Pathology and Pediatrics at Stanford University where he has served as Director of Neuropathology since 2002. His background in medical training also includes board certification in Pediatrics. Dr. Vogel completed a residency in Anatomic Pathology at Beth Israel Hospital in Boston, followed by a neuropathology fellowship at Stanford University under Dikran Horoupian. He returned to Baylor College of Medicine in Houston, TX where he became the Director of Neuropathology at Texas Children's Hospital before returning to Stanford. His principle interests include mitochondrial diseases, muscle and nerve pathology, brain tumors and the toxic effects of therapy, and forensic neuropathology.

CLINICAL FOCUS

- Neuropathology
- Muscle and nerve pathology
- Forensic neuropathology
- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pathology
- Professor - University Medical Line, Pediatrics - Medical Genetics
- Professor - University Medical Line (By courtesy), Neurosurgery
- Professor - University Medical Line (By courtesy), Neurology and Neurological Sciences
- Professor - University Medical Line (By courtesy), Comparative Medicine
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Senator, Pathology Department, Stanford School of Medicine Faculty Senate, (2018-2024)
- Voting member, Panel 7, Stanford IRB, (2012- present)
- Voting member, Panel 4, Stanford IRB, (2002-2007)

HONORS AND AWARDS

- Oscar Salvatierra Award for Exceptional Service, Stanford School of Medicine (June 1, 2023)
- Award for Excellence in Preclinical Teaching, Henry J. Kaiser Family Foundation (June 11, 2005)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Councilor, International Society of Neuropathology (2019 - present)

PROFESSIONAL EDUCATION

- Fellowship: TEXAS CHILDREN'S HOSPITAL (2001) TX
- Residency: Stanford University Pathology Residency (1989) CA
- Residency: UCSF Pediatric Residency (1984) CA
- Residency: Baylor College of Medicine Pediatric Residency (1982) TX
- Medical Education: Baylor College of Medicine (1980) TX
- Residency: Beth Israel Deaconess Medical Center Harvard Medical School (1987) MA
- Board Certification: Pediatrics, American Board of Pediatrics (1986)
- Board Certification: Anatomic Pathology, American Board of Pathology (1989)
- Board Certification: Neuropathology, American Board of Pathology (1989)
- BA, Rice University , Biology (1975)
- MD, Baylor College of Medicine (1980)

COMMUNITY AND INTERNATIONAL WORK

- Baltic Association of Neuropathology, Latvia, Lithuania, Estonia

LINKS

- Pathology website listing: http://med.stanford.edu/profiles/Hannes_Vogel/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests include nerve and muscle pathology, mitochondrial diseases, pediatric neurooncology, and transgenic mouse pathology.

Teaching

COURSES

2022-23

- Science of Medicine III-A: INDE 223A (Win)

Publications

PUBLICATIONS

- **Analysis of knockout mice reveals critical female-specific roles for the Hippo pathway component PTPN14.** *Genes & development*
McCrea, E. M., Makrides, N., Tabata, T., Reineking, W., Vilches-Moure, J. G., Wang, M., Lake, J. S., Vogel, H., Howitt, B., Zhang, X., Attardi, L. D.
2025
- **Arterial spin labeling perfusion MRI differentiates between radiation necrosis and tumor in brain metastases treated with stereotactic radiosurgery.** *Neuro-oncology advances*
Nguyen, H. H., Ng, N. N., Awasthi, S., Vogel, H., Iv, M.
2025; 7 (1): vdaf091
- **Clival fibrous dysplasia in which short interval disease progression posed a diagnostic challenge in a skeletally mature patient: a case report.** *Journal of medical case reports*
Tinnut, S., Pham, N., Nayak, J., Fernandez-Miranda, J. C., Vogel, H., Fischbein, N.
2025; 19 (1): 83
- **GABAergic neuron-to-glioma synapses in diffuse midline gliomas.** *Nature*
Barron, T., Yalçın, B., Su, M., Byun, Y. G., Gavish, A., Shamardani, K., Xu, H., Ni, L., Soni, N., Mehta, V., Maleki Jahan, S., Kim, Y. S., Taylor, et al
2025
- **Cellular morphometric biomarkers and large language model predict prognosis and treatment response in neuroblastoma patients: A retrospective and double-blind prospective single arm clinical study.** *European journal of cancer (Oxford, England : 1990)*
Wang, X., Mao, A. W., Pan, S., Wang, D., He, L., Vogel, H., Mao, J. H., Weiss, W., Li, T., Chang, H.
2025; 218: 115273
- **BIOPROCESSING OF VIABLE SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Tran, C., Garcia, C., Xing, L., Lyle, G., Guinle, M., Bagley, B., Mahaney, K., Vogel, H., Learned, K., Vaske, O., Grant, G., Prolo, et al
OXFORD UNIV PRESS INC.2024
- **A Novel Mouse Model for Cerebral Inflammatory Demyelination in X-Linked Adrenoleukodystrophy: Insights into Pathogenesis and Potential Therapeutic Targets.** *Annals of neurology*
Hashemi, E., Srivastava, I. N., Aguirre, A., Yoseph, E. T., Kaushal, E., Awani, A., Ryu, J. K., Akassoglou, K., Talebian, S., Chu, P., Pisani, L., Musolino, P., Steinman, et al
2024
- **CDC42BPA::BRAF represents a novel fusion in desmoplastic infantile ganglioglioma/desmoplastic infantile astrocytoma.** *Neuro-oncology advances*
Barros Guinle, M. I., Nirschl, J. J., Xing, Y. L., Nettnin, E. A., Arana, S., Feng, Z. P., Nasajpour, E., Pronina, A., Garcia, C. A., Grant, G. A., Vogel, H., Yeom, K. W., Prolo, et al
2024; 6 (1): vdae050
- **A rare non-gadolinium enhancing sarcoma brain metastasis with microenvironment dominated by tumor-associated macrophages.** *Acta neuropathologica communications*
Rogawski, D., Wheeler, J., Nie, E., Zhu, W., Villanueva, E., Coffey, G., Ma, Q., Ganjoo, K., Fischbein, N., Iv, M., Vogel, H., Nagpal, S.
2024; 12 (1): 15
- **A novel mouse model of cerebral adrenoleukodystrophy highlights NLRP3 activity in lesion pathogenesis.** *bioRxiv : the preprint server for biology*
Hashemi, E., Narain Srivastava, I., Aguirre, A., Tilahan Yoseph, E., Kaushal, E., Awani, A., Kyu Ryu, J., Akassoglou, K., Talebian, S., Chu, P., Pisani, L., Musolino, P., Steinman, et al
2023
- **CLINICOPATHOLOGIC CHARACTERIZATION OF DIFFUSE PEDIATRIC-TYPE HIGH-GRADE GLIOMA, H3-WILDTYPE AND IDH-WILDTYPE: AN AGGRESSIVE AND GENOMICALLY COMPLEX GROUP OF TUMORS AFFECTING CHILDREN AND ADULTS**
Wu, Z., Turakulov, R., Chung, H., Dazelle, K., Abdullaev, Z., Costa, F., Neto, O., Wadhvani, N., Mao, Q., Robinson, L., Marshall, M., Frosch, M., Cathcart, et al
OXFORD UNIV PRESS INC.2023

- **Treatment Course and Outcomes of Intracranial Teratomas in Pediatric Patients: A Retrospective 15-Year Case Series Study.** *Pediatric neurosurgery*
Wu, A., Jin, M. C., Vogel, H., Hiniker, S., Campen, C., Prolo, L. M., Grant, G. A.
2023; 58 (6): 429-438
- **Regeneration of neuromuscular synapses after acute and chronic denervation by inhibiting the gerozyme 15-prostaglandin dehydrogenase.** *Science translational medicine*
Bakooshli, M. A., Wang, Y. X., Monti, E., Su, S., Kraft, P., Nalbandian, M., Alexandrova, L., Wheeler, J. R., Vogel, H., Blau, H. M.
2023; 15 (717): eadg1485
- **Synthetic whole-slide image tile generation with gene expression profile-infused deep generative models.** *Cell reports methods*
Carrillo-Perez, F., Pizurica, M., Ozawa, M. G., Vogel, H., West, R. B., Kong, C. S., Herrera, L. J., Shen, J., Gevaert, O.
2023; 3 (8): 100534
- **Rewiring cancer drivers to activate apoptosis.** *Nature*
Gourisankar, S., Krokhotin, A., Ji, W., Liu, X., Chang, C., Kim, S. H., Li, Z., Wenderski, W., Simanauskaite, J. M., Yang, H., Vogel, H., Zhang, T., Green, et al
2023
- **PET imaging of TREM1 identifies CNS-infiltrating myeloid cells in a mouse model of multiple sclerosis.** *Science translational medicine*
Chaney, A. M., Cropper, H. C., Jain, P., Wilson, E., Simonetta, F., Johnson, E. M., Alam, I. S., Patterson, I. T., Swarovski, M., Stevens, M. Y., Wang, Q., Azevedo, C., Nagy, et al
2023; 15 (702): eabm6267
- **Pediatric Brain Tumours: Lessons from the Immune Microenvironment.** *Current oncology (Toronto, Ont.)*
Yao, B., Delaidelli, A., Vogel, H., Sorensen, P. H.
2023; 30 (5): 5024-5046
- **Cytodifferentiation of pituitary tumors influences pathogenesis and cavernous sinus invasion.** *Journal of neurosurgery*
Asmaro, K., Zhang, M., Rodrigues, A. J., Mohyeldin, A., Vigo, V., Nernekli, K., Vogel, H., Born, D. E., Katznelson, L., Fernandez-Miranda, J. C.
2023: 1-9
- **CHEK2 mutations in pediatric brain tumors.** *Neuro-oncology advances*
Tlais, D., Barros Guinle, M. I., Wheeler, J. R., Prolo, L. M., Vogel, H., Partap, S.
2023; 5 (1): vdad038
- **Multimodal deep learning to predict prognosis in adult and pediatric brain tumors.** *Communications medicine*
Steyaert, S., Qiu, Y. L., Zheng, Y., Mukherjee, P., Vogel, H., Gevaert, O.
2023; 3 (1): 44
- **Purification and characterization of human neural stem and progenitor cells.** *Cell*
Liu, D. D., He, J. Q., Sinha, R., Eastman, A. E., Toland, A. M., Morri, M., Neff, N. F., Vogel, H., Uchida, N., Weissman, I. L.
2023; 186 (6): 1179
- **Molecular profiling identifies at least 3 distinct types of post-transplant lymphoproliferative disorder involving CNS.** *Blood advances*
Guney, E., Lucas, C. G., Singh, K., Pekmezci, M., Fernandez-Pol, S., Mirchia, K., Toland, A., Vogel, H., Bannykh, S. I., Schafermak, K. T., Alexandrescu, S., Mobley, B. C., Powell, et al
2023
- **Rapid Deployment of Whole Slide Imaging for Primary Diagnosis in Surgical Pathology at Stanford Medicine Responding to Challenges of the COVID-19 Pandemic** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
Rojansky, R., Jhun, I., Dussaq, A. M., Chirieleison, S. M., Nirschl, J. J., Born, D., Fralick, J., Hetherington, W., Kerr, A. M., Lavezo, J., Lawrence, D. B., Lummus, S., Macasaet, et al
2023; 147 (3): 359-367
- **Multifocal demyelinating leukoencephalopathy and oligodendroglial lineage cell loss with immune effector cell-associated neurotoxicity syndrome (ICANS) following CD19 CAR T-cell therapy for mantle cell lymphoma.** *Journal of neuropathology and experimental neurology*
Nie, E. H., Ahmadian, S. S., Bharadwaj, S. N., Acosta-Alvarez, L., Threlkeld, Z. D., Frank, M. J., Miklos, D. B., Monje, M., Scott, B. J., Vogel, H.
2023
- **BRD8 maintains glioblastoma by epigenetic reprogramming of the p53 network.** *Nature*

- Sun, X., Klingbeil, O., Lu, B., Wu, C., Ballon, C., Ouyang, M., Wu, X. S., Jin, Y., Hwangbo, Y., Huang, Y. H., Somerville, T. D., Chang, K., Park, et al
2022
- **BIOPROCESSING OF SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Lyle, G., Lancero, H., Garcia, C., Learned, K., Gibson, E., Tran, C., Schouten, T., Vogel, H., Mahaney, K., Prolo, L., Vaske, O., Grant, et al
OXFORD UNIV PRESS INC.2022: 232
 - **ANALYSIS OF EXPRESSION SIGNATURES OF MATCHED PRIMARY GASTROINTESTINAL CANCER AND BRAIN METASTASES USING NANOSTRING NCOUNTER TECHNOLOGY**
Cheko, A., Burnside, G., Vogel, H., Gephart, M., Petritsch, C.
OXFORD UNIV PRESS INC.2022: 131
 - **MRGFUS-DELIVERED FLUORESCENT EGFR/EGFRVIII ANTIBODY ENABLES THERANOSTIC IMAGING OF PEDIATRIC HIGH-GRADE GLIOMA AND PREDICTS RESPONSE TO TARGETED THERAPY**
Zhou, Q., Aryal, M., Leonel, J., Santoso, M., Zlitni, A., Vogel, H., Cayrol, R., Li, G., Moseley, M.
OXFORD UNIV PRESS INC.2022: 217
 - **Clinical Features, Neuropathology, and Surgical Outcome in Patients With Refractory Epilepsy and Brain Somatic Variants in the SLC35A2 Gene.** *Neurology*
Barba, C., Blumcke, I., Winawer, M. R., Hartlieb, T., Kang, H., Grisotto, L., Chipaux, M., Bien, C. G., Hermanovska, B., Porter, B. E., Lidov, H. G., Cetica, V., Woermann, et al
2022
 - **Rapid Deployment of Whole Slide Imaging for Primary Diagnosis in Surgical Pathology at Stanford Medicine.** *Archives of pathology & laboratory medicine*
Rojansky, R., Jhun, I., Dussaq, A. M., Chirieleison, S. M., Nirschl, J. J., Born, D., Fralick, J., Hetherington, W., Kerr, A. M., Lavezo, J., Lawrence, D. B., Lummus, S., Macasaet, et al
2022
 - **Clinical Significance and Molecular Annotation of Cellular Morphometric Subtypes in Lower Grade Gliomas discovered by Machine Learning.** *Neuro-oncology*
Liu, X., Jin, X., Ahmadian, S. S., Yang, X., Tian, S., Cai, Y., Chawla, K., Snijders, A. M., Xia, Y., van Diest, P. J., Weiss, W. A., Mao, J., Li, et al
2022
 - **Major tumor regressions in H3K27M-mutated diffuse midline glioma (DMG) following sequential intravenous (IV) and intracerebroventricular (ICV) delivery of GD2-CAR T cells**
Majzner, R. G., Mahdi, J., Ramakrishna, S., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Barsan, V., Richards, R., Campen, C., Reschke, A., Toland, A., Baggott, et al
AMER ASSOC CANCER RESEARCH.2022
 - **Mild respiratory COVID can cause multi-lineage neural cell and myelin dysregulation.** *Cell*
Fernández-Castañeda, A., Lu, P., Geraghty, A. C., Song, E., Lee, M. H., Wood, J., O'Dea, M. R., Dutton, S., Shamardani, K., Nwangwu, K., Mancusi, R., Yalçın, B., Taylor, et al
2022
 - **RNA-binding proteins direct myogenic cell fate decisions.** *eLife*
Wheeler, J. R., Whitney, O. N., Vogler, T. O., Nguyen, E. D., Pawlikowski, B., Lester, E., Cutler, A., Elston, T., Dalla Betta, N., Parker, K. R., Yost, K. E., Vogel, H., Rando, et al
2022; 11
 - **Pediatric Nemaline Myopathy: A Systematic Review Using Individual Patient Data** *JOURNAL OF CHILD NEUROLOGY*
Christophers, B., Lopez, M. A., Gupta, V. A., Vogel, H., Baylies, M.
2022; 37 (7): 652-663
 - **Pediatric Nemaline Myopathy: A Systematic Review Using Individual Patient Data.** *Journal of child neurology*
Christophers, B., Lopez, M. A., Gupta, V. A., Vogel, H., Baylies, M.
2022; 37 (7): 652-663
 - **A PHASE I TRIAL OF PANOBINOSTAT FOLLOWING RADIATION THERAPY IN CHILDREN WITH DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG) OR H3K27M-MUTATED THALAMIC DIFFUSE MIDLINE GLIOMA (DMG): REPORT FROM THE PEDIATRIC BRAIN TUMOR CONSORTIUM (PBTC-047)**

- Monje, M., Cooney, T., Glod, J., Huang, J., Baxter, P., Vinitzky, A., Kilburn, L., Robison, N. J., Peer, C. J., Figg, W. D., Fouladi, M., Fangusaro, J., Onar-Thomas, et al
OXFORD UNIV PRESS INC.2022: 19
- **MAJOR TUMOR REGRESSIONS IN H3K27M-MUTATED DIFFUSE MIDLINE GLIOMA (DMG) FOLLOWING SEQUENTIAL INTRAVENOUS (IV) AND INTRACEREBROVENTRICULAR (ICV) DELIVERY OF GD2-CAR T-CELLS**
Monje, M., Majzner, R., Mahdi, J., Ramakrishna, S., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Barsan, V., Richards, R., Campen, C., Reschke, A., Toland, et al
OXFORD UNIV PRESS INC.2022: 20-21
 - **Septal rage in a human. A case report**
Bharani, K., Parvizi, J., Cobos, I., Vogel, H.
OXFORD UNIV PRESS INC.2022: 479-480
 - **Multifocal demyelinating leukoencephalopathy and oligodendroglial lineage cell loss with CD19 CAR T-cell lymphoma therapy**
Nie, E., Ahmadian, S., Bharadwaj, S., Acosta-Alvarez, L., Threlkeld, Z., Frank, M., Miklos, D., Born, D., Scott, B., Monje, M., Vogel, H.
OXFORD UNIV PRESS INC.2022: 464
 - **Somatic variants in diverse genes leads to a spectrum of focal cortical malformations.** *Brain : a journal of neurology*
Lai, D., Gade, M., Yang, E., Koh, H. Y., Lu, J., Walley, N. M., Buckley, A. F., Sands, T. T., Akman, C. I., Mikati, M. A., McKhann, G. M., Goldman, J. E., Canoll, et al
2022
 - **MRI Radiogenomics of Pediatric Medulloblastoma: A Multicenter Study.** *Radiology*
Zhang, M., Wong, S. W., Wright, J. N., Wagner, M. W., Toescu, S., Han, M., Tam, L. T., Zhou, Q., Ahmadian, S. S., Shpanskaya, K., Lummus, S., Lai, H., Eghbal, et al
2022: 212137
 - **Molecular and Clinicopathologic Characterization of Post-Transplant Lymphoproliferative Disorder (PTLD) Involving the Central Nervous System**
Guney, E., Lucas, C., Alexandrescu, S., Mobley, B., Bannykh, S., Powell, S., Toland, A., Vogel, H., Davidson, C., Schafernak, K., Neltner, J., Boue, D., Hattab, et al
SPRINGER NATURE.2022: 1192-1193
 - **RB depletion is required for the continuous growth of tumors initiated by loss of RB.** *PLoS genetics*
Doan, A., Arand, J., Gong, D., Drainas, A. P., Shue, Y. T., Lee, M. C., Zhang, S., Walter, D. M., Chaikovsky, A. C., Feldser, D. M., Vogel, H., Dow, L. E., Skotheim, et al
2021; 17 (12): e1009941
 - **Inefficient quality control of ribosome stalling during APP synthesis generates CAT-tailed species that precipitate hallmarks of Alzheimer's disease.** *Acta neuropathologica communications*
Rimal, S., Li, Y., Vartak, R., Geng, J., Tantray, I., Li, S., Huh, S., Vogel, H., Glabe, C., Grinberg, L. T., Spina, S., Seeley, W. W., Guo, et al
2021; 9 (1): 169
 - **GD2 CAR T cells mediate clinical activity and manageable toxicity in children and young adults with DIPG and H3K27M-mutated diffuse midline gliomas.**
Majzner, R. G., Ramakrishna, S., Mochizuki, A., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Richards, R., Campen, C., Reschke, A., Mahdi, J., Toland, A., Baggott, et al
AMER ASSOC CANCER RESEARCH.2021
 - **Intracranial infantile hemangioma - rare entity and common pitfalls: A comprehensive multidisciplinary approach from Neurosurgery, Neurooncology and Neuropathology** *CLINICAL NEUROPATHOLOGY*
Eibach, S., Moes, G., Kim, J., Zovickian, J., Vogel, H., Pang, D.
2021; 40 (4): 180-188
 - **Electrical stimulation of human neural stem cells via conductive polymer nerve guides enhances peripheral nerve recovery.** *Biomaterials*
Song, S., McConnell, K. W., Amores, D., Levinson, A., Vogel, H., Quarta, M., Rando, T. A., George, P. M.
2021; 275: 120982
 - **GD2 CAR T-CELLS MEDIATE CLINICAL ACTIVITY AND MANAGEABLE TOXICITY IN CHILDREN AND YOUNG ADULTS WITH H3K27M-MUTATED DIPG AND SPINAL CORD DMG**

- Majzner, R., Ramakrishna, S., Mochizuki, A., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Richards, R., Campen, C., Reschke, A., Mahdi, J., Martin, A., Toland, et al
OXFORD UNIV PRESS INC.2021: 49-50
- **EGFR-targeted intraoperative fluorescence imaging detects high-grade glioma with panitumumab-IRDye800 in a phase 1 clinical trial.** *Theranostics*
Zhou, Q., van den Berg, N. S., Rosenthal, E. L., Iv, M., Zhang, M., Vega Leonel, J. C., Walters, S., Nishio, N., Granucci, M., Raymundo, R., Yi, G., Vogel, H., Cayrol, et al
2021; 11 (15): 7130-7143
 - **Homozygous PISD truncating variant in an adult patient presenting with chronic dysphagia, hoarseness, pectus carinatum, hearing loss, and hemiparesis**
Carlston, C., Martin, P., Archibald, H., Wamsley, M., Greene, M., Vogel, H., Slavotinek, A.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2021: S185
 - **Molecular imaging of a fluorescent antibody against epidermal growth factor receptor detects high-grade glioma.** *Scientific reports*
Zhou, Q., Vega Leonel, J. C., Santoso, M. R., Wilson, C., van den Berg, N. S., Chan, C. T., Aryal, M., Vogel, H., Cayrol, R., Mandella, M. J., Schonig, F., Lu, G., Gambhir, et al
2021; 11 (1): 5710
 - **Cell of Origin Influences Pancreatic Cancer Subtype.** *Cancer discovery*
Flowers, B. M., Xu, H., Mulligan, A. S., Hanson, K. J., Seoane, J. A., Vogel, H., Curtis, C., Wood, L. D., Attardi, L. D.
2021; 11 (3): 660-677
 - **Creatine transport and pathological changes in creatine transporter deficient mice.** *Journal of inherited metabolic disease*
Wawro, A. M., Gajera, C. R., Baker, S. A., Nirschl, J. J., Vogel, H. n., Montine, T. J.
2021
 - **Machine learning reveals bilateral distribution of somatic L1 insertions in human neurons and glia.** *Nature neuroscience*
Zhu, X. n., Zhou, B. n., Pattni, R. n., Gleason, K. n., Tan, C. n., Kalinowski, A. n., Sloan, S. n., Fiston-Lavier, A. S., Mariani, J. n., Petrov, D. n., Barres, B. A., Duncan, L. n., Abyzov, et al
2021
 - **FIRST-IN-HUMAN FLUORESCENCE GUIDED SURGERY OF HIGH-GRADE GLIOMAS USING PANITUMUMAB-IRDYE800**
Zhou, Q., van den Berg, N., Nishio, N., Lu, G., Chirita, S., Raymundo, R., Yi, G., Vogel, H., Cayrol, R., Rosenthal, E., Li, G.
OXFORD UNIV PRESS INC.2020: 52
 - **MALIGNANT GLIOMAS REMODEL FUNCTIONAL NEURAL CIRCUITS THROUGH PARACRINE SIGNALING WHICH CONFERS A NEGATIVE PROGNOSIS**
Krishna, S., Choudhury, A., Ni, L., Seo, K., Kakaizada, S., Findlay, A., Lee, A., Sudharshan, R., Cao, C., Venkatesh, H., Vogel, H., Phillips, J., Almeida, et al
OXFORD UNIV PRESS INC.2020: 217–18
 - **Quality-control mechanisms targeting translationally stalled and C-terminally extended poly(GR) associated with ALS/FTD.** *Proceedings of the National Academy of Sciences of the United States of America*
Li, S., Wu, Z., Tantray, I., Li, Y., Chen, S., Dong, J., Glynn, S., Vogel, H., Snyder, M., Lu, B.
2020
 - **Leptomeningeal spread with spinal involvement of pineal glioblastoma at initial presentation: A case report** *INTERDISCIPLINARY NEUROSURGERY-ADVANCED TECHNIQUES AND CASE MANAGEMENT*
Yerneni, K., Fatemi, P., Vogel, H., Li, G., Zygourakis, C. C.
2020; 21
 - **Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor.** *Acta neuropathologica communications*
Lucas, C. G., Gupta, R., Doo, P., Lee, J. C., Cadwell, C. R., Ramani, B., Hofmann, J. W., Sloan, E. A., Kleinschmidt-DeMasters, B. K., Lee, H. S., Wood, M. D., Grafe, M., Born, et al
2020; 8 (1): 151
 - **Altered MICOS Morphology and Mitochondrial Ion Homeostasis Contribute to Poly(GR) Toxicity Associated with C9-ALS/FTD.** *Cell reports*
Li, S., Wu, Z., Li, Y., Tantray, I., De Stefani, D., Mattarei, A., Krishnan, G., Gao, F., Vogel, H., Lu, B.

2020; 32 (5): 107989

- **Deconstructing the origins of PDAC development.**
Flowers, B., Xu, H., Hanson, K., Curtis, C., Vogel, H., Wood, L., Attardi, L. D.
AMER ASSOC CANCER RESEARCH.2020: 19
- **TREM1-PET imaging of pro-inflammatory myeloid cells distinguishes active disease from remission in Multiple Sclerosis**
Chaney, A., Wilson, E., Jain, P., Cropper, H., Swarovski, M., Lucot, K., Vogel, H., Andreasson, K., James, M. L.
SOC NUCLEAR MEDICINE INC.2020
- **Generation of Functional Human 3D Cortico-Motor Assembloids.** *Cell*
Andersen, J. n., Revah, O. n., Miura, Y. n., Thom, N. n., Amin, N. D., Kelley, K. W., Singh, M. n., Chen, X. n., Thete, M. V., Walczak, E. M., Vogel, H. n., Fan, H. C., Paşca, et al
2020
- **MACHINE LEARNING REVEALS BILATERAL DISTRIBUTION OF SOMATIC L1 INSERTIONS IN HUMAN NEURONS AND GLIA**
Zhu, X., Zhou, B., Pattni, R., Gleason, K., Tan, C., Kalinowski, A., Sloan, S., Fiston-Lavier, A., Mariani, J., Vogel, H., Moran, J., Vaccarino, F., Tamminga, et al
ELSEVIER.2019: S68
- **Electrical and synaptic integration of glioma into neural circuits.** *Nature*
Venkatesh, H. S., Morishita, W., Geraghty, A. C., Silverbush, D., Gillespie, S. M., Arzt, M., Tam, L. T., Espenel, C., Ponnuswami, A., Ni, L., Woo, P. J., Taylor, K. R., Agarwal, et al
2019
- **Neurologin-4 Regulates Excitatory Synaptic Transmission in Human Neurons.** *Neuron*
Marro, S. G., Chanda, S., Yang, N., Janas, J. A., Valperga, G., Trotter, J., Zhou, B., Merrill, S., Yousif, I., Shelby, H., Vogel, H., Kalani, M. Y., Sudhof, et al
2019
- **Rosette-Forming Glioneuronal Tumor is Defined by FGFR1 Activating Alterations with Frequent Accompanying PI3K and MAPK Pathway Mutations**
Lucas, C., Lee, J., Sloan, E., Hofmann, J., Van Ziffle, J., Onodera, C., Grenert, J., Bastian, B., Kline, C., Banerjee, A., Clarke, J., Taylor, J., Bush, et al
OXFORD UNIV PRESS INC.2019: 554
- **Neuropathologic Findings in a Patient with CAR T-Cell-Associated Inflammatory Cytokine Release Syndrome**
Lavezo, J., Mount, C., Monje, M., Miklos, D., Vogel, H.
OXFORD UNIV PRESS INC.2019: 575
- **Validation and Clinical Use of Whole Slide Digital Imaging at Stanford Neuropathology**
Lavezo, J., Born, D., Lummus, S., Young, A., Montine, T., Vogel, H.
OXFORD UNIV PRESS INC.2019: 576
- **Clustered Cytochrome-oxidase Negative Myofibers in Muscular Dystrophies: A Novel Finding**
Cayrol, R., Klotz, J., Vogel, H.
OXFORD UNIV PRESS INC.2019: 543
- **ELECTRICAL INTEGRATION OF GLIOMA INTO NEURAL CIRCUITRY**
Venkatesh, H., Morishita, W., Geraghty, A., Silverbush, D., Arzt, M., Tam, L., Ponnuswami, A., Gillespie, S., Agarwal, A., Regev, A., Vogel, H., Bergles, D., Suva, et al
OXFORD UNIV PRESS INC.2019: 73
- **Methotrexate Chemotherapy Induces Persistent Tri-gliial Dysregulation that Underlies Chemotherapy-Related Cognitive Impairment** *CELL*
Gibson, E. M., Nagaraja, S., Ocampo, A., Tam, L. T., Wood, L. S., Pallegar, P. N., Greene, J. J., Geraghty, A. C., Goldstein, A. K., Ni, L., Woo, P. J., Barres, B. A., Liddelow, et al
2019; 176 (1-2): 43-+
- **Single-cell analysis reveals T cell infiltration in old neurogenic niches.** *Nature*
Dulken, B. W., Buckley, M. T., Navarro Negredo, P. n., Saligramam, N. n., Cayrol, R. n., Leeman, D. S., George, B. M., Boutet, S. C., Hebestreit, K. n., Pluvinage, J. V., Wyss-Coray, T. n., Weissman, I. L., Vogel, et al
2019

- **Macrophage Exclusion after Radiation Therapy (MERT): A First in Human Phase I/II Trial using a CXCR4 Inhibitor in Glioblastoma.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Thomas, R. P., Nagpal, S. n., Iv, M. n., Soltys, S. G., Bertrand, S. n., Pelpola, J. S., Ball, R. L., Yang, J. n., Sundaram, V. n., Lavezo, J. L., Born, D. E., Vogel, H. n., Brown, et al
2019
- **E2F4 regulates transcriptional activation in mouse embryonic stem cells independently of the RB family.** *Nature communications*
Hsu, J. n., Arand, J. n., Chaikovsky, A. n., Mooney, N. A., Demeter, J. n., Brison, C. M., Oliverio, R. n., Vogel, H. n., Rubin, S. M., Jackson, P. K., Sage, J. n.
2019; 10 (1): 2939
- **Anti-GD2 chimeric antigen receptor T cells as a potent immunotherapy regimen in xenograft models of histone 3 K27M mutant diffuse midline glioma**
Mount, C. W., Majzner, R., Sundaresh, S., Arnold, E. P., Kadapakkam, M., Haile, S., Labanieh, L., Woo, P., Rietberg, S. P., Vogel, H., Monje, M., Mackall, C. L.
AMER ASSOC CANCER RESEARCH.2018
- **Clinical and molecular spectrum of thymidine kinase 2-related mtDNA maintenance defect** *MOLECULAR GENETICS AND METABOLISM*
Wang, J., Kim, E., Dai, H., Stefans, V., Vogel, H., Al Jasmi, F., Vergano, S., Castro, D., Bernes, S., Bhambhani, V., Long, C., El-Hattab, A. W., Wong, et al
2018; 124 (2): 124–30
- **ANTI-GD2 CHIMERIC ANTIGEN RECEPTOR T CELLS AS A POTENT IMMUNOTHERAPY REGIMEN IN XENOGRAFT MODELS OF HISTONE 3 K27M MUTANT DIFFUSE MIDLINE GLIOMA**
Mount, C., Majzner, R., Sundaresh, S., Arnold, E., Kadapakkam, M., Haile, S., Labanieh, L., Woo, P., Rietberg, S., Vogel, H., Monje, M., Mackall, C.
OXFORD UNIV PRESS INC.2018: 56
- **Long-term liver disease in methylmalonic and propionic acidemias** *MOLECULAR GENETICS AND METABOLISM*
Imbard, A., Segarra, N., Tardieu, M., Broue, P., Bouchereau, J., Pichard, S., de Baulny, H., Slama, A., Mussini, C., Touati, G., Danjoux, M., Gaignard, P., Vogel, et al
2018; 123 (4): 433–40
- **CORRELATION OF VASARI-BASED MRI PHENOTYPES WITH MGMT AND IDH STATUS ACROSS GLIOMA GRADES: A STATISTICAL ANALYSIS IN 372 PATIENTS**
Das, D., Yoon, B., Golden, L., Samghabadi, P., Vogel, H., Yeom, K., Iv, M., Massoud, T.
OXFORD UNIV PRESS INC.2017: 150
- **Cerebral Segmental Arterial Mediolysis In A Pediatric Patient: A Novel Case Report**
Samghabadi, P., Vogel, H.
OXFORD UNIV PRESS INC.2017: 544
- **Cortical Mimic of Pilocytic Astrocytoma in Infantile Alexander Disease: A Case Report**
Lumms, S., Antony, R., Jin, L., Vogel, H.
OXFORD UNIV PRESS INC.2017: 527
- **Giant Prolactinoma Presenting with Neck Pain and Structural Compromise of the Occipital Condyles.** *Journal of neurological surgery reports*
Yecies, D., Aylan, A., Ratliff, J., Ziskin, J., Hwang, P., Vogel, H., Katznelson, L., Harsh, G.
2015; 76 (2): e297-301
- **Activated iron-containing microglia in the human hippocampus identified by magnetic resonance imaging in Alzheimer disease** *NEUROBIOLOGY OF AGING*
Zeineh, M. M., Chen, Y., Kitzler, H. H., Hammond, R., Vogel, H., Rutt, B. K.
2015; 36 (9): 2483-2500
- **Pilomyxoid Astrocytoma (PMA) Shows Significant Differences in Gene Expression vs. Pilocytic Astrocytoma (PA) and Variable Tendency Toward Maturation to PA** *BRAIN PATHOLOGY*
Kleinschmidt-DeMasters, B. K., Donson, A. M., Vogel, H., Foreman, N. K.
2015; 25 (4): 429-440
- **Neuronal Activity Promotes Glioma Growth through Neuroligin-3 Secretion** *CELL*

- Venkatesh, H. S., Johung, T. B., Caretti, V., Noll, A., Tang, Y., Nagaraja, S., Gibson, E. M., Mount, C. W., Polepalli, J., Mitra, S. S., Woo, P. J., Malenka, R. C., Vogel, et al
2015; 161 (4): 803-816
- **Atypical and Rare Variants of Central Neurocytomas** *NEUROSURGERY CLINICS OF NORTH AMERICA*
Choudhri, O., Razavi, S., Vogel, H., Li, G.
2015; 26 (1): 91-?
 - **Inappropriate p53 activation during development induces features of CHARGE syndrome** *NATURE*
Van Nostrand, J. L., Brady, C. A., Jung, H., Fuentes, D. R., Kozak, M. M., Johnson, T. M., Lin, C., Lin, C., Swiderski, D. L., Vogel, H., Bernstein, J. A., Attie-Bitach, T., Chang, et al
2014; 514 (7521): 228-?
 - **Evidence that Meningeal Mast Cells Can Worsen Stroke Pathology in Mice** *AMERICAN JOURNAL OF PATHOLOGY*
Arac, A., Grimbaldston, M. A., Nepomuceno, A. R., Olayiwola, O., Pereira, M. P., Nishiyama, Y., Tsykin, A., Goodall, G. J., Schlecht, U., Vogel, H., Tsai, M., Galli, S. J., Bliss, et al
2014; 184 (9): 2493-2504
 - **Congenital muscular dystrophy and generalized epilepsy caused by GMPPB mutations.** *Brain research*
Raphael, A. R., Couthouis, J., Sakamuri, S., Siskind, C., Vogel, H., Day, J. W., Gitler, A. D.
2014; 1575: 66-71
 - **Lineage-specific splicing of a brain-enriched alternative exon promotes glioblastoma progression** *JOURNAL OF CLINICAL INVESTIGATION*
Ferrarese, R., Harsh, G. R., Yadav, A. K., Bug, E., Maticzka, D., Reichardt, W., Dombrowski, S. M., Miller, T. E., Masilamani, A. P., Dai, F., Kim, H., Hadler, M., Scholtens, et al
2014; 124 (7): 2861-2876
 - **Human pontine glioma cells can induce murine tumors.** *Acta neuropathologica*
Caretti, V., Sewing, A. C., Lagerweij, T., Schellen, P., Bugiani, M., Jansen, M. H., van Vuurden, D. G., Navis, A. C., Horsman, I., Vandertop, W. P., Noske, D. P., Wesseling, P., Kaspers, et al
2014; 127 (6): 897-909
 - **Neuronal Activity Promotes Oligodendrogenesis and Adaptive Myelination in the Mammalian Brain** *SCIENCE*
Gibson, E. M., Purger, D., Mount, C. W., Goldstein, A. K., Lin, G. L., Wood, L. S., Inema, I., Miller, S. E., Bieri, G., Zuchero, J. B., Barres, B. A., Woo, P. J., Vogel, et al
2014; 344 (6183): 487-?
 - **Neuronal activity promotes oligodendrogenesis and adaptive myelination in the mammalian brain.** *Science*
Gibson, E. M., Purger, D., Mount, C. W., Goldstein, A. K., Lin, G. L., Wood, L. S., Inema, I., Miller, S. E., Bieri, G., Zuchero, J. B., Barres, B. A., Woo, P. J., Vogel, et al
2014; 344 (6183): 1252304-?
 - **Exome sequencing identifies a DNAJB6 mutation in a family with dominantly-inherited limb-girdle muscular dystrophy.** *Neuromuscular disorders*
Couthouis, J., Raphael, A. R., Siskind, C., Findlay, A. R., Buenrostro, J. D., Greenleaf, W. J., Vogel, H., Day, J. W., Flanigan, K. M., Gitler, A. D.
2014; 24 (5): 431-435
 - **A positive feedback between p53 and miR-34 miRNAs mediates tumor suppression** *GENES & DEVELOPMENT*
Okada, N., Lin, C., Ribeiro, M. C., Biton, A., Lai, G., He, X., Bu, P., Vogel, H., Jablons, D. M., Keller, A. C., Wilkinson, J. E., He, B., Speed, et al
2014; 28 (5): 438-450
 - **Composite pleomorphic xanthoastrocytoma-epithelioid glioneuronal tumor with BRAF V600E mutation - report of three cases** *CLINICAL NEUROPATHOLOGY*
Aisner, D. L., Newell, K. L., Pollack, A. G., Kleinschmidt-Demasters, B. K., Steinberg, G. K., Smyth, L. T., Vogel, H.
2014; 33 (2): 112-121
 - **Targeting a Glioblastoma Cancer Stem-Cell Population Defined by EGF Receptor Variant III.** *Cancer research*
Emlet, D. R., Gupta, P., Holgado-Madruga, M., Del Vecchio, C. A., Mitra, S. S., Han, S., Li, G., Jensen, K. C., Vogel, H., Xu, L. W., Skirboll, S. S., Wong, A. J.
2014; 74 (4): 1238-1249

- **Relapse patterns in pediatric embryonal central nervous system tumors** *JOURNAL OF NEURO-ONCOLOGY*
Perreault, S., Lober, R. M., Carret, A., Zhang, G., Hershon, L., Decarie, J., Yeom, K., Vogel, H., Fisher, P. G., Partap, S.
2013; 115 (2): 209-215
- **A Mutation in TGFB3 Associated With a Syndrome of Low Muscle Mass, Growth Retardation, Distal Arthrogyrosis and Clinical Features Overlapping With Marfan and Loeys-Dietz Syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Rienhoff, H. Y., Yeo, C., Morissette, R., Khrebtukova, I., Melnick, J., Luo, S., Leng, N., Kim, Y., Schroth, G., Westwick, J., Vogel, H., McDonnell, N., Hall, et al
2013; 161 (8): 2040-2046
- **AG10 inhibits amyloidogenesis and cellular toxicity of the familial amyloid cardiomyopathy-associated V122I transthyretin** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Penchala, S. C., Connelly, S., Wang, Y., Park, M. S., Zhao, L., Baranczak, A., Rappley, I., Vogel, H., Liedtke, M., Witteles, R. M., Powers, E. T., Reixach, N., Chan, et al
2013; 110 (24): 9992-9997
- **Central nervous system stem cell transplantation for children with neuronal ceroid lipofuscinosis** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Selden, N. R., Al-Uzri, A., Huhn, S. L., Koch, T. K., Sikora, D. M., Nguyen-Driver, M. D., Guillaume, D. J., Koh, J. L., Gultekin, S. H., Anderson, J. C., Vogel, H., Sutcliffe, T. L., Jacobs, et al
2013; 11 (6): 643-652
- **EGFRvIII gene rearrangement is an early event in glioblastoma tumorigenesis and expression defines a hierarchy modulated by epigenetic mechanisms.** *Oncogene*
Del Vecchio, C. A., Giacomini, C. P., Vogel, H., Jensen, K. C., Florio, T., Merlo, A., Pollack, J. R., Wong, A. J.
2013; 32 (21): 2670-2681
- **Diffusion-weighted MRI: distinction of skull base chordoma from chondrosarcoma.** *AJNR. American journal of neuroradiology*
Yeom, K. W., Lober, R. M., Mobley, B. C., Harsh, G., Vogel, H., Allagio, R., Pearson, M., Edwards, M. S., Fischbein, N. J.
2013; 34 (5): 1056-?
- **Chd5 requires PHD-mediated histone 3 binding for tumor suppression.** *Cell reports*
Paul, S., Kuo, A., Schalch, T., Vogel, H., Joshua-Tor, L., McCombie, W. R., Gozani, O., Hammell, M., Mills, A. A.
2013; 3 (1): 92-102
- **Isocitrate dehydrogenase 1 R132H mutation is not detected in angiocentric glioma** *ANNALS OF DIAGNOSTIC PATHOLOGY*
Raghunathan, A., Olar, A., Vogel, H., Parker, J. R., Coventry, S. C., Debski, R., Albarracin, C. T., Aldape, K. D., Cahill, D. P., Powell, S. Z., Fuller, G. N.
2012; 16 (4): 255-259
- **Dosage-dependent phenotypes in models of 16p11.2 lesions found in autism** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Horev, G., Ellegood, J., Lerch, J. P., Son, Y. E., Muthuswamy, L., Vogel, H., Krieger, A. M., Buja, A., Henkelman, R. M., Wigler, M., Mills, A. A.
2011; 108 (41): 17076-17081
- **Hedgehog-responsive candidate cell of origin for diffuse intrinsic pontine glioma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Monje, M., Mitra, S. S., Freret, M. E., Raveh, T. B., Kim, J., Masek, M., Attema, J. L., Li, G., Haddix, T., Edwards, M. S., Fisher, P. G., Weissman, I. L., Rowitch, et al
2011; 108 (11): 4453-4458
- **NFKBIA Deletion in Glioblastomas.** *NEW ENGLAND JOURNAL OF MEDICINE*
Bredel, M., Scholtens, D. M., Yadav, A. K., Alvarez, A. A., Renfrow, J. J., Chandler, J. P., Yu, I. L., Carro, M. S., Dai, F., Tagge, M. J., Ferrarese, R., Bredel, C., Phillips, et al
2011; 364 (7): 627-637
- **Loss of SMARCB1/INI1 expression in poorly differentiated chordomas** *ACTA NEUROPATHOLOGICA*
Mobley, B. C., McKenney, J. K., Bangs, C. D., Callahan, K., Yeom, K. W., Schneppenheim, R., Hayden, M. G., Cherry, A. M., Gokden, M., Edwards, M. S., Fisher, P. G., Vogel, H.
2010; 120 (6): 745-753

- **G1 arrest and differentiation can occur independently of Rb family function** *JOURNAL OF CELL BIOLOGY*
Wirt, S. E., Adler, A. S., Gebala, V., Weimann, J. M., Schaffer, B. E., Saddic, L. A., Viatour, P., Vogel, H., Chang, H. Y., Meissner, A., Sage, J.
2010; 191 (4): 809-825
- **End-Stage Cardiac Disease as an Initial Presentation of Systemic Myopathies: Case Series and Literature Review** *JOURNAL OF CHILD NEUROLOGY*
Katzberg, H., Karamchandani, J., So, Y. T., Vogel, H., Wang, C. H.
2010; 25 (11): 1382-1388
- **Tap63 induces senescence and suppresses tumorigenesis in vivo** *NATURE CELL BIOLOGY*
Guo, X., Keyes, W. M., Papazoglu, C., Zuber, J., Li, W., Lowe, S. W., Vogel, H., Mills, A. A.
2009; 11 (12): 1451-U150
- **Monosomy of Chromosome 10 Associated With Dysregulation of Epidermal Growth Factor Signaling in Glioblastomas** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Yadav, A. K., Renfrow, J. J., Scholtens, D. M., Xie, H., Duran, G. E., Bredel, C., Vogel, H., Chandler, J. P., Chakravarti, A., Robe, P. A., Das, S., Scheck, A. C., Kessler, et al
2009; 302 (3): 276-289
- **A Network Model of a Cooperative Genetic Landscape in Brain Tumors** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Bredel, M., Scholtens, D. M., Harsh, G. R., Bredel, C., Chandler, J. P., Renfrow, J. J., Yadav, A. K., Vogel, H., Scheck, A. C., Tibshirani, R., Sikic, B. I.
2009; 302 (3): 261-275
- **Impaired human hippocampal neurogenesis after treatment for central nervous system** *ANNALS OF NEUROLOGY*
Monje, M. L., Vogel, H., Masek, M., Ligon, K. L., Fisher, P. G., Palmer, T. D.
2007; 62 (5): 515-520
- **Cancer predisposition caused by elevated mitotic recombination in Bloom mice** *NATURE GENETICS*
Luo, G. B., Santoro, I. M., McDaniel, L. D., Nishijima, Mills, M., Youssoufian, H., Vogel, H., Schultz, R. A., Bradley, A.
2000; 26 (4): 424-429
- **Deletion of Ku86 causes early onset of senescence in mice** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Vogel, H., Lim, D. S., Karsenty, G., Finegold, M., Hasty, P.
1999; 96 (19): 10770-10775
- **Pathologic findings in nerve and muscle biopsies from 47 women with silicone breast implants** *NEUROLOGY*
Vogel, H.
1999; 53 (2): 293-297
- **Structural evidence of injury or malformation in the brains of children with congenital heart disease.** *Seminars in pediatric neurology*
Miller, G., Vogel, H.
1999; 6 (1): 20-6
- **Congenital parvovirus infection** *PEDIATRIC PATHOLOGY & LABORATORY MEDICINE*
Vogel, H., Kornman, M., Ledet, S. C., Rajagopalan, L., Taber, L., McClain, K.
1997; 17 (6): 903-912
- **BALAMUTHIA MANDRILLARIS - A NEWLY RECOGNIZED AGENT FOR AMEBIC MENINGOENCEPHALITIS** *PEDIATRIC INFECTIOUS DISEASE JOURNAL*
ROWEN, J. L., DOERR, C. A., VOGEL, H., BAKER, C. J.
1995; 14 (8): 705-710
- **MENINGIOMAS - DIAGNOSTIC-VALUE OF IMMUNOPEROXIDASE STAINING FOR EPITHELIAL MEMBRANE ANTIGEN** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
SCHNITT, S. J., VOGEL, H.
1986; 10 (9): 640-649
- **PROGRESSIVE POLYRADICULOPATHY IN ACQUIRED-IMMUNE-DEFICIENCY-SYNDROME** *NEUROLOGY*
EIDELBERG, D., SOTREL, A., VOGEL, H., WALKER, P., KLEEFIELD, J., CRUMPACKER, C. S.

1986; 36 (7): 912-916

- **A Novel Mouse Model for Cerebral Inflammatory Demyelination in X-Linked Adrenoleukodystrophy: Insights into Pathogenesis and Potential Therapeutic Targets** *Annals of Neurology*
Hashemi, E., Srivastava, I., Aguirre, A., Yoseph, E. T., Van Haren, K. P.
2024
- **Author Correction: Machine learning reveals bilateral distribution of somatic L1 insertions in human neurons and glia.** *Nature neuroscience*
Zhu, X., Zhou, B., Pattni, R., Gleason, K., Tan, C., Kalinowski, A., Sloan, S., Fiston-Lavier, A. S., Mariani, J., Petrov, D., Barres, B. A., Duncan, L., Abyzov, et al
2023
- **Author Correction: Rewiring cancer drivers to activate apoptosis.** *Nature*
Gourisankar, S., Krokhotin, A., Ji, W., Liu, X., Chang, C. Y., Kim, S. H., Li, Z., Wenderski, W., Simanaukaite, J. M., Yang, H., Vogel, H., Zhang, T., Green, et al
2023
- **BIOPROCESSING OF SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Tran, C., Garcia, C., Lyle, G., Guinle, M., Bagley, B. A., Lancero, H., Gibson, E. E., Schouten, T., Mahaney, K., Vogel, H., Learned, K., Vaske, et al
OXFORD UNIV PRESS INC.2023
- **CHEK2 mutations in pediatric brain tumors** *Neuro-Oncology Advances*
Tlais, D., Barros Guinle, M., Wheeler, J., Prolo, L. M., Vogel, H., Partap, S.
2023; 5 (1): vdad038
- **Factors for differential outcome across cancers in clinical molecular-targeted fluorescence imaging.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Zhou, Q., van den Berg, N. S., Kang, W., Pei, J., Nishio, N., van Keulen, S., Engelen, M. A., Lee, Y. J., Hom, M., Vega Leonel, J. C., Hart, Z., Vogel, H., Cayrol, et al
2022
- **GD2-CAR T cell therapy for H3K27M-mutated diffuse midline gliomas.** *Nature*
Majzner, R. G., Ramakrishna, S., Yeom, K. W., Patel, S., Chinnasamy, H., Schultz, L. M., Richards, R. M., Jiang, L., Barsan, V., Mancusi, R., Geraghty, A. C., Good, Z., Mochizuki, et al
2022
- **Initial experience with label-free stimulated Raman scattering microscopy for intraoperative assessment of peripheral nerves.** *Clinical neurology and neurosurgery*
Wilson, T. J., Toland, A., Cayrol, R., Vogel, H.
2022; 214: 107180
- **EGFR-targeted intraoperative fluorescence imaging detects high-grade glioma with panitumumab-IRDye800 in a phase 1 clinical trial** *Theranostics*
Zhou, Q., van den Berg, N. S., Rosenthal, E. L., Iv, M., Zhang, M., Vega Leonel, J. C., Walters, S., Nishio, N., Granucci, M., Raymundo, R., Yi, G., Vogel, H., Cayrol, et al
2021; 11 (15): 7130-7143
- **Correlative Microscopy to Localize and Characterize Iron Deposition in Alzheimer's Disease.** *Journal of Alzheimer's disease reports*
Madsen, S. J., DiGiacomo, P. S., Zeng, Y., Goubran, M., Chen, Y., Rutt, B. K., Born, D., Vogel, H., Sinclair, R., Zeineh, M. M.
2020; 4 (1): 525-36
- **Whole slide images reflect DNA methylation patterns of human tumors.** *NPJ genomic medicine*
Zheng, H. n., Momeni, A. n., Cedoz, P. L., Vogel, H. n., Gevaert, O. n.
2020; 5: 11
- **Recurrence of cavernous malformations after surgery in childhood.** *Journal of neurosurgery. Pediatrics*
Prolo, L. M., Jin, M. C., Loven, T. n., Vogel, H. n., Edwards, M. S., Steinberg, G. K., Grant, G. A.
2020: 1-10
- **Whole slide images reflect DNA methylation patterns of human tumors.** *NPJ genomic medicine*
Zheng, H. n., Momeni, A. n., Cedoz, P. L., Vogel, H. n., Gevaert, O. n.

2020; 5 (1): 11

- **Deciphering the origins of PDAC development**
Flowers, B., Xu, H., Hanson, K., Curtis, C., Vogel, H., Wood, L. D., Attardi, L. D.
AMER ASSOC CANCER RESEARCH.2019
- **Elucidating the role of p53 in the cellular origins of pancreatic cancer development**
Flowers, B. M., Xu, H., Hanson, K., Curtis, C., Vogel, H., Wood, L. D., Attardi, L. D.
AMER ASSOC CANCER RESEARCH.2019
- **ELECTRICAL CIRCUIT INTEGRATION OF GLIOMA THROUGH NEURON-GLIOMA SYNAPSES AND POTASSIUM CURRENTS**
Venkatesh, H., Morishita, W., Geraghty, A., Silverbush, D., Gillespie, S., Arzt, M., Tam, L., Ponnuswami, A., Ni, L., Woo, P., Taylor, K., Agarwal, A., Regev, et al
OXFORD UNIV PRESS INC.2019: 251
- **ROSETTE-FORMING GLIONEURONAL TUMOR IS DEFINED BY FGFR1 ACTIVATING ALTERATIONS WITH FREQUENT ACCOMPANYING PI3K AND MAPK PATHWAY MUTATIONS**
Calixto-Hope, L., Lee, J., Sloan, E., Hofmann, J., Van Ziffle, J., Onodera, C., Grenert, J., Devine, P., Kline, C., Banerjee, A., Clarke, J., Taylor, J., Oberheim-Bush, et al
OXFORD UNIV PRESS INC.2019: 151–52
- **A Patient with Sjogren's Syndrome and Subsequent Diagnosis of Inclusion Body Myositis and Light-Chain Amyloidosis** *JOURNAL OF GENERAL INTERNAL MEDICINE*
Hom, J., Marwaha, S., Postolova, A., Kittle, J., Vasquez, R., Davidson, J., Kohler, J., Dries, A., Fernandez-Betancourt, L., Majcherska, M., Dearlove, J., Raghavan, S., Vogel, et al
2019; 34 (6): 1058–62
- **Quantification of Macrophages in High-Grade Gliomas by Using Ferumoxytol-enhanced MRI: A Pilot Study** *RADIOLOGY*
Iv, M., Samghabadi, P., Holdsworth, S., Gentles, A., Rezaei, P., Harsh, G., Li, G., Thomas, R., Moseley, M., Daldrup-Link, H. E., Vogel, H., Wintermark, M., Cheshier, et al
2019; 290 (1): 198–206
- **MACHINE LEARNING ANALYSIS OF ULTRA-DEEP WHOLE-GENOME SEQUENCING IN HUMAN BRAIN REVEALS SOMATIC GENOMIC RETROTRANSPOSITION IN GLIA AS WELL AS IN NEURONS**
Urban, A., Zhu, X., Zhou, B., Sloan, S., Pattni, R., Fiston-Lavier, A., Snyder, M., Petrov, D., Abyzov, A., Vaccarino, F., Barres, B., Vogel, H., Tamminga, et al
ELSEVIER.2019: 1240
- **EXCITATORY SYNAPSES BETWEEN PRESYNAPTIC NEURONS AND POSTSYNAPTIC GLIOMA CELLS PROMOTE GLIOMA PROGRESSION**
Venkatesh, H., Morishita, W., Geraghty, A., Tam, L., Silverbush, D., Regev, A., Vogel, H., Suva, M., Malenka, R., Monje, M.
OXFORD UNIV PRESS INC.2018: 257–58
- **First-in-human intraoperative near-infrared fluorescence imaging of glioblastoma using cetuximab-IRDye800** *JOURNAL OF NEURO-ONCOLOGY*
Miller, S. E., Tummers, W. S., Teraphongphom, N., van den Berg, N. S., Hasan, A., Ertsey, R. D., Nagpal, S., Recht, L. D., Plowey, E. D., Vogel, H., Harsh, G. R., Grant, G. A., Li, et al
2018; 139 (1): 135–43
- **Non-inflammatory tumor microenvironment of diffuse intrinsic pontine glioma.** *Acta neuropathologica communications*
Lin, G. L., Nagaraja, S., Filbin, M. G., Suva, M. L., Vogel, H., Monje, M.
2018; 6 (1): 51
- **Non-inflammatory tumor microenvironment of diffuse intrinsic pontine glioma** *ACTA NEUROPATHOLOGICA COMMUNICATIONS*
Lin, G. L., Nagaraja, S., Filbin, M. G., Suva, M. L., Vogel, H., Monje, M.
2018; 6
- **Clinical and Immunohistochemical Analysis of Clinically Non-functional Pituitary Neuroendocrine Tumors**
Lavezo, J., Frankel, M., Balliu, B., Pan, J., Hoffman, A., Dodd, R., Harsh, G., Katznelson, L., Vogel, H.
OXFORD UNIV PRESS INC.2018: 518
- **EXCITATORY SYNAPSES BETWEEN PRESYNAPTIC NEURONS AND POSTSYNAPTIC GLIOMA CELLS PROMOTE DIPG PROGRESSION**
Venkatesh, H., Geraghty, A., Morishita, W., Tam, L., Tirosh, I., Regev, A., Vogel, H., Suva, M., Malenka, R., Monje, M.

OXFORD UNIV PRESS INC.2018: 49

- **Inhibitory Interneurons in Hemimegalencephaly: A Survey of 9 Cases**
Lummus, S., Andersen, J., Pasca, S., Kleinschmidt-DeMasters, B., Vogel, H.
OXFORD UNIV PRESS INC.2018: 501
- **Plurihormonal pituitary neuroendocrine tumor with Pit1 and SF-1 coexpression: A novel entity**
Jonathan, L., Forgo, E., Katznelson, L., Harsh, G., Vogel, H.
OXFORD UNIV PRESS INC.2018: 523
- **Potent antitumor efficacy of anti-GD2 CAR T cells in H3-K27M(+) diffuse midline gliomas** *NATURE MEDICINE*
Mount, C. W., Majzner, R. G., Sundaresh, S., Arnold, E. P., Kadapakkam, M., Haile, S., Labanieh, L., Hulleman, E., Woo, P. J., Rietberg, S. P., Vogel, H., Monje, M., Mackall, et al
2018; 24 (5): 572-+
- **Methotrexate Chemotherapy Induces Persistent Tri-gliial Dysregulation that Underlies Chemotherapy-Related Cognitive Impairment.** *Cell*
Gibson, E. M., Nagaraja, S. n., Ocampo, A. n., Tam, L. T., Wood, L. S., Pallegar, P. N., Greene, J. J., Geraghty, A. C., Goldstein, A. K., Ni, L. n., Woo, P. J., Barres, B. A., Liddelov, et al
2018
- **Quantification of Macrophages in High-Grade Gliomas by Using Ferumoxytol-enhanced MRI: A Pilot Study.** *Radiology*
Iv, M. n., Samghabadi, P. n., Holdsworth, S. n., Gentles, A. n., Rezaei, P. n., Harsh, G. n., Li, G. n., Thomas, R. n., Moseley, M. n., Daldrup-Link, H. E., Vogel, H. n., Wintermark, M. n., Cheshier, et al
2018: 181204
- **Inhibition of Drp1/Fis1 interaction slows progression of amyotrophic lateral sclerosis.** *EMBO molecular medicine*
Joshi, A. U., Saw, N. L., Vogel, H. n., Cunnigham, A. D., Shamloo, M. n., Mochly-Rosen, D. n.
2018
- **First-in-human intraoperative near-infrared fluorescence imaging of glioblastoma using cetuximab-IRDye800.** *Journal of neuro-oncology*
Miller, S. E., Tummers, W. S., Teraphongphom, N. n., van den Berg, N. S., Hasan, A. n., Ertsey, R. D., Nagpal, S. n., Recht, L. D., Plowey, E. D., Vogel, H. n., Harsh, G. R., Grant, G. A., Li, et al
2018
- **Potent antitumor efficacy of anti-GD2 CAR T cells in H3-K27M+ diffuse midline gliomas.** *Nature medicine*
Mount, C. W., Majzner, R. G., Sundaresh, S. n., Arnold, E. P., Kadapakkam, M. n., Haile, S. n., Labanieh, L. n., Hulleman, E. n., Woo, P. J., Rietberg, S. P., Vogel, H. n., Monje, M. n., Mackall, et al
2018
- **Utility of Pit-1 Immunostaining in Distinguishing Pituitary Adenomas of Primitive Differentiation from Null Cell Adenomas** *ENDOCRINE PATHOLOGY*
Lee, J. C., Pekmezci, M., Lavezo, J. L., Vogel, H., Katznelson, L., Fraenkel, M., Harsh, G., Dulai, M., Perry, A., Tihan, T.
2017; 28 (4): 287-92
- **THE EFFECT OF PATIENT AGE AT GLIOMA PRESENTATION ON MRI PHENOTYPE: A COMPREHENSIVE ANALYSIS OF VASARI-BASED FEATURE-SET CRITERIA IN 711 PATIENTS**
Das, D., Yoon, B., Golden, L., Samghabadi, P., Vogel, H., Yeom, K., Iv, M., Massoud, T.
OXFORD UNIV PRESS INC.2017: 158
- **A pilot study on the use of cerebrospinal fluid cell-free DNA in intramedullary spinal ependymoma** *JOURNAL OF NEURO-ONCOLOGY*
Connolly, I., Li, Y., Pan, W., Johnson, E., You, L., Vogel, H., Ratliff, J., Gephart, M.
2017; 135 (1): 29-36
- **Postmortem Whole Exome Sequencing Identifies Novel EIF2B3 Mutation With Prenatal Phenotype in 2 Siblings** *JOURNAL OF CHILD NEUROLOGY*
Song, H., Haeri, S., Vogel, H., van der Knaap, M., Van Haren, K.
2017; 32 (10): 867-70
- **The Unusual Presentation of a Myxoma Within the Sphenoid Sinus: Case Report and Review of the Literature** *WORLD NEUROSURGERY*
Clarke, J. V., Mandpe, A. H., Weber, P. B., Vogel, H., Leng, L. Z.
2017; 103: 951.e5-951.e12

- **NEURAL PRECURSOR CELL: GLIOMA INTERACTIONS MEDIATE TUMOR COLONIZATION OF THE SUBVENTRICULAR ZONE BY DIPG**
Qin, E. Y., Cooper, D., Abbott, K., MacKay, A., Jones, C., Vogel, H., Jackson, P., Monje, M.
OXFORD UNIV PRESS INC.2017: 7
- **Anti-PD-1-associated inflammatory-demyelinating lesions in patients with brain metastases**
Samghabadi, P., Makar, S., Thomas, R., Pelpola, J., Reddy, S., Tranvinh, E., Spence, A., Vogel, H., Born, D., Sobel, R.
OXFORD UNIV PRESS INC.2017: 500–501
- **Lymphoplasmacytic Lymphoma Presenting As Giant Cell Arteritis: A Novel Case Report**
Samghabadi, P., Berry, G., Natkunam, Y., Vogel, H., Shoor, S., Born, D.
OXFORD UNIV PRESS INC.2017: 545
- **Unifying mechanism for different fibrotic diseases** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Wernig, G., Chen, S., Cui, L., Van Neste, C., Tsai, J. M., Kambham, N., Vogel, H., Natkunam, Y., Gilliland, D. G., Nolan, G., Weissman, I. L.
2017; 114 (18): 4757-4762
- **Disrupting the CD47-SIRP alpha anti-phagocytic axis by a humanized anti-CD47 antibody is an efficacious treatment for malignant pediatric brain tumors** *SCIENCE TRANSLATIONAL MEDICINE*
Gholamin, S., Mitra, S. S., Feroze, A. H., Liu, J., Kahn, S. A., Zhang, M., Esparza, R., Richard, C., Ramaswamy, V., Remke, M., Volkmer, A. K., Willingham, S., Ponnuswami, et al
2017; 9 (381)
- **The p53 family members have distinct roles during mammalian embryonic development.** *Cell death and differentiation*
Van Nostrand, J. L., Bowen, M. E., Vogel, H., Barna, M., Attardi, L. D.
2017
- **Immunohistochemical Assessment of 23 Immature Ovarian Teratomas**
Charville, G., Longacre, T., Vogel, H., Ulbright, T. M., Kao, C.
NATURE PUBLISHING GROUP.2017: 279A–280A
- **Immunohistochemical Assessment of 23 Immature Ovarian Teratomas**
Charville, G., Longacre, T., Vogel, H., Ulbright, T. M., Kao, C.
NATURE PUBLISHING GROUP.2017: 279A–280A
- **Neat1 is a p53-inducible lincRNA essential for transformation suppression.** *Genes & development*
Mello, S. S., Sinow, C. n., Raj, N. n., Mazur, P. K., Biegging-Rolett, K. n., Broz, D. K., Imam, J. F., Vogel, H. n., Wood, L. D., Sage, J. n., Hirose, T. n., Nakagawa, S. n., Rinn, et al
2017; 31 (11): 1095–1108
- **Pathways to clinical CLARITY: volumetric analysis of irregular, soft, and heterogeneous tissues in development and disease.** *Scientific reports*
Hsueh, B. n., Burns, V. M., Pauerstein, P. n., Holzem, K. n., Ye, L. n., Engberg, K. n., Wang, A. C., Gu, X. n., Chakravarthy, H. n., Arda, H. E., Charville, G. n., Vogel, H. n., Efimov, et al
2017; 7 (1): 5899
- **A p53 Super-tumor Suppressor Reveals a Tumor Suppressive p53-Ptpn14-Yap Axis in Pancreatic Cancer.** *Cancer cell*
Mello, S. S., Valente, L. J., Raj, N. n., Seoane, J. A., Flowers, B. M., McClendon, J. n., Biegging-Rolett, K. T., Lee, J. n., Ivanochko, D. n., Kozak, M. M., Chang, D. T., Longacre, T. A., Koong, et al
2017; 32 (4): 460–73.e6
- **Neural Precursor-Derived Pleiotrophin Mediates Subventricular Zone Invasion by Glioma.** *Cell*
Qin, E. Y., Cooper, D. D., Abbott, K. L., Lennon, J. n., Nagaraja, S. n., Mackay, A. n., Jones, C. n., Vogel, H. n., Jackson, P. K., Monje, M. n.
2017; 170 (5): 845–59.e19
- **Response of metastatic glioma to vemurafenib** *NEURO-ONCOLOGY PRACTICE*
Leaver, K., Zhang, N., Ziskin, J. L., Vogel, H., Recht, L., Thomas, R. P.
2016; 3 (4): 268–71
- **Response of metastatic glioma to vemurafenib.** *Neuro-oncology practice*
Leaver, K. E., Zhang, N., Ziskin, J. L., Vogel, H., Recht, L., Thomas, R. P.

2016; 3 (4): 268-271

- **Regression of experimental NIS-expressing breast cancer brain metastases in response to radioiodide/gemcitabine dual therapy** *ONCOTARGET*
Renier, C., Do, J., Reyna-Neyra, A., Foster, D., De, A., Vogel, H., Jeffrey, S. S., Tse, V., Carrasco, N., Wapnir, I.
2016; 7 (34): 54811-54824
- **Mapping the Pairwise Choices Leading from Pluripotency to Human Bone, Heart, and Other Mesoderm Cell Types** *CELL*
Loh, K. M., Chen, A., Koh, P. W., Deng, T. Z., Sinha, R., Tsai, J. M., Barkal, A. A., Shen, K. Y., Jain, R., Morganti, R. M., Shyh-Chang, N., Fernhoff, N. B., George, et al
2016; 166 (2): 451-467
- **CD47-blocking immunotherapies stimulate macrophage-mediated destruction of small-cell lung cancer** *JOURNAL OF CLINICAL INVESTIGATION*
Weiskopf, K., Jahchan, N. S., Schnorr, P. J., Cristea, S., Ring, A. M., Maute, R. L., Volkmer, A. K., Volkmer, J., Liu, J., Lim, J. S., Yang, D., Seitz, G., Thuyen Nguyen, et al
2016; 126 (7): 2610-2620
- **Poorly differentiated chordoma with SMARCB1/INI1 loss: a distinct molecular entity with dismal prognosis** *ACTA NEUROPATHOLOGICA*
Hasselblatt, M., Thomas, C., Hovestadt, V., Schrimpf, D., Johann, P., Bens, S., Oyen, F., Peetz-Dienhart, S., Crede, Y., Wefers, A., Vogel, H., Riemenschneider, M. J., Antonelli, et al
2016; 132 (1): 149-51
- **Regression of experimental NIS-expressing breast cancer brain metastases in response to radioiodide/gemcitabine dual therapy.** *Oncotarget*
Renier, C., Do, J., Reyna-Neyra, A., Foster, D., De, A., Vogel, H., Jeffrey, S. S., Tse, V., Carrasco, N., Wapnir, I.
2016
- **Transcriptome sequencing analysis of four psammomatous meningiomas**
Samghabadi, P., Forgo, E., West, R., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2016: 575
- **ATYPICAL TERATOID RHABDOID TUMORS AND POORLY DIFFERENTIATED CHORDOMAS: DISTINCT MOLECULAR ENTITIES WITH SMARCB1/INI1 LOSS AND DISMAL PROGNOSIS**
Thomas, C., Hovestadt, V., Schrimpf, D., Johann, P., Bens, S., Oyen, F., Vogel, H., Giangaspero, F., Antonelli, M., Riemenschneider, M., Christine Bernardo, M., Giannini, C., Din, et al
OXFORD UNIV PRESS INC.2016: 3
- **NOTCH1 PROMOTES GROUP 3 MEDULLOBLASTOMA METASTASIS, INITIATION AND SELF-RENEWAL**
Kahn, S., Wang, X., Nitta, R., Gholamin, S., Ramaswamy, V., Azad, T., Sahoo, D., Esparza, R., Chu, P., Fisher, P., Vogel, H., Li, G., Cho, et al
OXFORD UNIV PRESS INC.2016: 100
- **A Novel Intronic Mutation in TK2 Affects mRNA Expression and Causes Adult-Onset Mitochondrial Depletion Syndrome**
Lopez-Gomez, C., Garone, C., Karch, C., Vogel, H., Ralph, J., Hirano, M.
LIPPINCOTT WILLIAMS & WILKINS.2016
- **Purification and Characterization of Progenitor and Mature Human Astrocytes Reveals Transcriptional and Functional Differences with Mouse** *NEURON*
Zhang, Y., Sloan, S. A., Clarke, L. E., Caneda, C., Plaza, C. A., Blumenthal, P. D., Vogel, H., Steinberg, G. K., Edwards, M. S., Li, G., Duncan, J. A., Cheshier, S. H., Shuer, et al
2016; 89 (1): 37-53
- **Activated iron-containing microglia in the human hippocampus identified by magnetic resonance imaging in Alzheimer disease.** *Neurobiology of aging*
Zeineh, M. M., Chen, Y., Kitzler, H. H., Hammond, R., Vogel, H., Rutt, B. K.
2015; 36 (9): 2483-2500
- **DISTINCT BRAIN LINEAGE AND STROMAL GENE EXPRESSION PATTERNS IN WNT, SHH, GROUP 3 AND GROUP 4 MOLECULAR SUBGROUPS OF PEDIATRIC MEDULLOBLASTOMA**
Achrol, A., Liu, T., Vogel, H., Chang, S., Edwards, M., Harsh, G., Sahoo, D.
OXFORD UNIV PRESS INC.2015: 30

- **NEURONAL ACTIVITY-REGULATED SECRETION OF NEUROLIGIN-3 PROMOTES GLIOMA GROWTH**
Venkatesh, H., Johung, T., Caretti, V., Noll, A., Vogel, H., Bredel, M., Mallick, P., Monje, M.
OXFORD UNIV PRESS INC.2015: 11
- **IMPACT OF MOLECULAR SUB-TYPE AND CRANIOSPINAL IRRADIATION (CSI) DOSE ON RELAPSE OF MEDULLOBLASTOMA**
Wang, A., Partap, S., Yeom, K., Martinez, M., Vogel, H., Donaldson, S., Fisher, P., Perreault, S., Cho, Y., Gibbs, I.
OXFORD UNIV PRESS INC.2015: 22
- **CDKN2A Loss Is Associated With Shortened Overall Survival in Lower-Grade (World Health Organization Grades II-III) Astrocytomas** *JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY*
Reis, G. F., Pekmezci, M., Hansen, H. M., Rice, T., Marshall, R. E., Molinaro, A. M., Phillips, J. J., Vogel, H., Wiencke, J. K., Wrensch, M. R., Walsh, K. M., Perry, A.
2015; 74 (5): 442-452
- **Atypical and rare variants of central neurocytomas.** *Neurosurgery clinics of North America*
Choudhri, O., Razavi, S., Vogel, H., Li, G.
2015; 26 (1): 91-98
- **Endoscopic resection of a giant intradural retroclival ecchordosis physaliphora: surgical technique and literature review.** *World neurosurgery*
Choudhri, O., Feroze, A., Hwang, P., Vogel, H., Ajlan, A., Harsh, G.
2014; 82 (5): 912 e21-6
- **SUBVENTRICULAR SPREAD OF DIFFUSE INTRINSIC PONTINE GLIOMA**
Caretti, V., Bugiani, M., Freret, M., Schellen, P., Jansen, M., van Vuurden, D., Kaspers, G., Fisher, P. G., Hulleman, E., Wesseling, P., Vogel, H., Monje, M.
OXFORD UNIV PRESS INC.2014
- **Endoscopic resection of a giant intradural retroclival ecchordosis physaliphora: surgical technique and literature review.** *World neurosurgery*
Choudhri, O., Feroze, A., Hwang, P., Vogel, H., Ajlan, A., Harsh, G.
2014; 82 (5): 912 e21-6
- **Inappropriate p53 activation during development induces features of CHARGE syndrome.** *Nature*
Van Nostrand, J. L., Brady, C. A., Jung, H., Fuentes, D. R., Kozak, M. M., Johnson, T. M., Lin, C., Lin, C., Swiderski, D. L., Vogel, H., Bernstein, J. A., Attié-Bitach, T., Chang, et al
2014; 514 (7521): 228-232
- **Abnormal Hepatocellular Mitochondria in Methylmalonic Acidemia** *ULTRASTRUCTURAL PATHOLOGY*
Wilnai, Y., Enns, G. M., Niemi, A., Higgins, J., Vogel, H.
2014; 38 (5): 309-314
- **Abnormal hepatocellular mitochondria in methylmalonic acidemia.** *Ultrastructural pathology*
Wilnai, Y., Enns, G. M., Niemi, A., Higgins, J., Vogel, H.
2014; 38 (5): 309-314
- **MRI surrogates for molecular subgroups of medulloblastoma.** *AJNR. American journal of neuroradiology*
Perreault, S., Ramaswamy, V., Achrol, A. S., Chao, K., Liu, T. T., Shih, D., Remke, M., Schubert, S., Bouffet, E., Fisher, P. G., Partap, S., Vogel, H., Taylor, et al
2014; 35 (7): 1263-1269
- **UNRAVELING THE TALE OF MEDULLOBLASTOMA: IMPACT OF MOLECULAR SUB-TYPE AND CRANIOSPINAL IRRADIATION (CSI) DOSE ON RELAPSE**
Gibbs, I. C., Partap, S., Yeom, K., Martinez, M., Vogel, H., Donaldson, S. S., Fisher, P., Perreault, S., Cho, Y.
OXFORD UNIV PRESS INC.2014: 82-83
- **Cerebral Biopsies in Posterior "Irreversible" Encephalopathy Syndrome (PIES)**
Vogel, H., Ziskin, J., Moes, G.
LIPPINCOTT WILLIAMS & WILKINS.2014: 611

- **Diffusion-weighted MRI derived apparent diffusion coefficient identifies prognostically distinct subgroups of pediatric diffuse intrinsic pontine glioma.** *Journal of neuro-oncology*
Lober, R. M., Cho, Y., Tang, Y., Barnes, P. D., Edwards, M. S., Vogel, H., Fisher, P. G., Monje, M., Yeom, K. W.
2014; 117 (1): 175-182
- **Tectal pineal cyst in a 1-year-old girl.** *Human pathology*
Plowey, E. D., Vogel, H., Yeom, K. W., Jung, H., Chao, K., Edwards, M. S.
2014; 45 (3): 653-656
- **Pilocytic astrocytoma with IDH1 mutation in the cerebellum of an elderly patient.** *Clinical neuropathology*
Medress, Z. A., Xu, L. W., Ziskin, J. L., Lefterova, M. n., Vogel, H. n., Li, G. n.
2014
- **Atypical teratoid/rhabdoid tumor with ganglioglioma-like differentiation: case report and review of the literature** *HUMAN PATHOLOGY*
Krishnan, C., Vogel, H., Perry, A.
2014; 45 (1): 185-88
- **Subventricular spread of diffuse intrinsic pontine glioma.** *Acta neuropathologica*
Caretti, V. n., Bugiani, M. n., Freret, M. n., Schellen, P. n., Jansen, M. n., van Vuurden, D. n., Kaspers, G. n., Fisher, P. G., Hulleman, E. n., Wesseling, P. n., Vogel, H. n., Monje, M. n.
2014
- **Endoscopic Resection of a Giant Intradural Retroclival Ectodermoid: Surgical Technique and Literature Review** *World Neurosurgery*
Choudhri, O., Feroze, A., Hwang, P., Vogel, H., Ajlan, A., Harsh IV, G.
2014: 912.e21-6
- **MEDULLOBLASTOMA IN THE OPERATIVE THEATER: ARE THEY PLAYING ACCORDING TO THEIR SUBTYPES?**
Perreault, S., Chao, K., Ramaswamy, V., Shih, D., Remke, M., Luu, B., Schubert, S., Fisher, P., Partap, S., Vogel, H., Taylor, M., Goumnerova, L., Cho, et al
OXFORD UNIV PRESS INC.2013: 168
- **A mutation in TGFB3 associated with a syndrome of low muscle mass, growth retardation, distal arthrogyriposis and clinical features overlapping with Marfan and Loeys-Dietz syndrome.** *American journal of medical genetics. Part A*
Rienhoff, H. Y., Yeo, C., Morissette, R., Khrebtukova, I., Melnick, J., Luo, S., Leng, N., Kim, Y., Schroth, G., Westwick, J., Vogel, H., McDonnell, N., Hall, et al
2013; 161A (8): 2040-2046
- **Highly proliferative sellar chordoma with unusually rapid recurrence** *NEUROPATHOLOGY*
Karamchandani, J., Wu, M., Das, S., Vogel, H., Muller, P., Cusimano, M., Montanera, W., Kovacs, K.
2013; 33 (4): 424-30
- **Cytochrome Oxidase-Deficient Myofibers as a Function of Age and Disease in 1000 Muscle Biopsies**
Tanboon, J., Kantipudi, A., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2013: 588-89
- **Siblings with a Novel CHKB Mutation are Identified among Clinically Diverse Patients with Megaconial Myopathy**
Moore, S., Kunecka, P., Swenson, A., Vogel, H., Lewis, A., Harris, B., Deol, R., Hayashi, Y., Nishino, I., McAllister, J., Pattee, G., McComb, R.
LIPPINCOTT WILLIAMS & WILKINS.2013: 545
- **Spinal pilocytic astrocytoma in an elderly patient.** *World neurosurgery*
Harrarher, C. D., Vogel, H., Steinberg, G. K.
2013; 79 (5-6): 799 E7-9
- **Diffusion-Weighted MRI: Distinction of Skull Base Chordoma from Chondrosarcoma.** *AJNR. American journal of neuroradiology*
Yeom, K. W., Lober, R. M., Mobley, B. C., Harsh, G., Vogel, H., Allagio, R., Pearson, M., Edwards, M. S., Fischbein, N. J.
2013; 34 (5): 1056-1061
- **Spinal Pilocytic Astrocytoma in an Elderly Patient** *WORLD NEUROSURGERY*
Harrarher, C. D., Vogel, H., Steinberg, G. K.

2013; 79 (5-6)

- **Pituitary stalk Langerhans cell histiocytosis treated with CyberKnife radiosurgery.** *Clinical neurology and neurosurgery*
Hong, W., Murovic, J. A., Gibbs, I., Vogel, H., Chang, S. D.
2013; 115 (5): 573-577
- **Defining and targeting a Glioblastoma cancer stem cell population with EGF Receptor Variant III.**
Emlet, D. R., Del Vecchio, C., Gupta, P., Mitra, S., Han, S., Holgado-Madruga, M., Li, G., Jensen, K., Vogel, H., Skirboll, S., Wong, A. J.
AMER ASSOC CANCER RESEARCH.2013
- **Distinctive MRI Features of Pediatric Medulloblastoma Subtypes** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Yeom, K. W., Mobley, B. C., Lober, R. M., Andre, J. B., Partap, S., Vogel, H., Barnes, P. D.
2013; 200 (4): 895-903
- **Pericardial Effusion and Cardiac Tamponade in Neonates: Sudden Unexpected Death Associated with Total Parenteral Nutrition via Central Venous Catheterization** *ANNALS OF CLINICAL AND LABORATORY SCIENCE*
Warren, M., Thompson, K. S., Popek, E. J., Vogel, H., Hicks, J.
2013; 43 (2): 163-171
- **Meningeal Mast Cells Can Exacerbate Stroke Pathology In Mice**
Arac, A., Grimbaldston, M. A., Nepomuceno, A. R., Olayiwola, O., Pereira, M. P., Vogel, H., Tsai, M., Galli, S. J., Bliss, T. M., Steinberg, G. K.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Late profound muscle weakness following heart transplantation due to danon disease** *MUSCLE & NERVE*
van der Starre, P., Deuse, T., Pritts, C., Brun, C., Vogel, H., Oyer, P.
2013; 47 (1): 135-137
- **Neurogenic Muscle Pathology** *MUSCLE DISEASE: PATHOLOGY AND GENETICS, 2ND EDITION*
Vogel, H.
edited by Goebel, H. H., Sewry, C. A., Weller, R. O.
2013: 68-77
- **Muscle Disease Associated with Age and Systemic Disorders** *MUSCLE DISEASE: PATHOLOGY AND GENETICS, 2ND EDITION*
Vogel, H.
edited by Goebel, H. H., Sewry, C. A., Weller, R. O.
2013: 339-50
- **Unimpaired Skin Carcinogenesis in Desmoglein 3 Knockout Mice** *PLOS ONE*
Baron, S., Anabel Hoang, A., Vogel, H., Attardi, L. D.
2012; 7 (11)
- **DIFFERENT RELAPSE PATTERNS IN EMBRYONAL CNS TUMORS**
Perreault, S., Lober, R. M., Zhang, G., Hershon, L., Decarie, J., Yeom, K., Vogel, H., Partap, S., Carret, A., Fisher, P. G.
OXFORD UNIV PRESS INC.2012: 123
- **Aggressive Cerebellar Neuroepithelial Tumor in a 10 Year Old Boy**
Vogel, H., Edwards, M., Fisher, P., Partap, S., Cho, Y.
LIPPINCOTT WILLIAMS & WILKINS.2012: 572
- **SURVEILLANCE SPINE MRIS TO DETECT TUMOR RELAPSE IN PATIENTS WITH MEDULLOBLASTOMA**
Perreault, S., Lober, R., Yeom, K., Carret, A., Vogel, H., Partap, S., Fisher, P.
OXFORD UNIV PRESS INC.2012: 143
- **Oncogenic variant EGFRvIII defines a hierarchy in glioblastoma and expression is restricted by epigenetic mechanisms despite the presence of gene amplification**
Del Vecchio, C. A., Giacomini, C. P., Vogel, H., Jensen, K. C., Florio, T., Merlo, A., Pollack, J. R., Wong, A. J.
AMER ASSOC CANCER RESEARCH.2012
- **Extravascular Papillary Endothelial Hyperplasia Mimicking Neoplasm After Radiosurgery: Case Report** *NEUROSURGERY*
Karamchandani, J., Vogel, H., Fischbein, N., Gibbs, I., Edwards, M. S., Harsh, G.

2012; 70 (4): E1043-E1048

- **Chordoma: An Ongoing Challenge** *AJSP-REVIEWS AND REPORTS*
Vogel, H.
2012; 17 (1): 31–38
- **SUPRATENTORIAL SPREAD IN THE NEUROGENIC NICHE OF DIFFUSE INTRINSIC PONTINE GLIOMA**
Monje, M., Freret, M. E., Masek, M., Fisher, P. G., Haddix, T., Vogel, H.
OXFORD UNIV PRESS INC.2011: 4–5
- **Notch signaling inhibits hepatocellular carcinoma following inactivation of the RB pathway** *JOURNAL OF EXPERIMENTAL MEDICINE*
Viatur, P., Ehmer, U., Saddic, L. A., Dorrell, C., Andersen, J. B., Lin, C., Zmoos, A., Mazur, P. K., Schaffer, B. E., Ostermeier, A., Vogel, H., Sylvester, K. G., Thorgeirsson, et al
2011; 208 (10): 1963-1976
- **Extravascular Papillary Endothelial Hyperplasia Mimicking Neoplasm Following Radiosurgery.** *Neurosurgery*
Karamchandani, J., Vogel, H., Fischbein, N., Gibbs, I., Edwards, M. S., Harsh, G.
2011
- **Gene-protein correlation in single cells** *NEURO-ONCOLOGY*
Renfrow, J. J., Scheck, A. C., Dhawan, N. S., Lukac, P. J., Vogel, H., Chandler, J. P., Raizer, J. J., Harsh, G. R., Chakravarti, A., Bredel, M.
2011; 13 (8): 880-885
- **Mosaic Analysis with Double Markers Reveals Tumor Cell of Origin in Glioma** *CELL*
Liu, C., Sage, J. C., Miller, M. R., Verhaak, R. G., Hippenmeyer, S., Vogel, H., Foreman, O., Bronson, R. T., Nishiyama, A., Luo, L., Zong, H.
2011; 146 (2): 209-221
- **Liposomal cytarabine for central nervous system embryonal tumors in children and young adults** *JOURNAL OF NEURO-ONCOLOGY*
Partap, S., Murphy, P. A., Vogel, H., Barnes, P. D., Edwards, M. S., Fisher, P. G.
2011; 103 (3): 561-566
- **Alpha-fetoprotein-thymidine kinase-luciferase knockin mice: A novel model for dual modality longitudinal imaging of tumorigenesis in liver** *JOURNAL OF HEPATOLOGY*
Lu, X., Guo, H., Molter, J., Miao, H., Gerber, L., Hu, Y., Barnes, E. L., Vogel, H., Lee, Z., Luo, G., Wang, B.
2011; 55 (1): 96-102
- **The pro-longevity gene FoxO3 is a direct target of the p53 tumor suppressor** *ONCOGENE*
Renault, V. M., Thekkat, P. U., Hoang, K. L., WHITE, J. L., Brady, C. A., Broz, D. K., Venturelli, O. S., Johnson, T. M., Oskoui, P. R., Xuan, Z., Santo, E. E., Zhang, M. Q., Vogel, et al
2011; 30 (29): 3207-3221
- **Diffuse Astrocytomas of the Childhood Spinal Cord: Correlation Between Incidence and Presence of a Neural Precursor Cell Type**
Freret, M., Monje, M., Masek, M., Fisher, P., Vogel, H., Beachy, P.
LIPPINCOTT WILLIAMS & WILKINS.2011: 530
- **Supratentorial Extension of Diffuse Intrinsic Pontine Glioma (DIPG)**
Haddix, T., Monje, M., Masek, M., Freret, M., Fisher, P., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2011: 509–10
- **Functional Interactions between Retinoblastoma and c-MYC in a Mouse Model of Hepatocellular Carcinoma** *PLOS ONE*
Saddic, L. A., Wirt, S., Vogel, H., Felsher, D. W., Sage, J.
2011; 6 (5)
- **Endocervical Fibroblastic Malignant Peripheral Nerve Sheath Tumor (Neurofibrosarcoma): Report of a Novel Entity Possibly Related to Endocervical CD34 Fibrocytes** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Mills, A. M., Karamchandani, J. R., Vogel, H., Longacre, T. A.
2011; 35 (3): 404-412
- **Brain Abscess Caused by Phaeoacremonium parasiticum in an Immunocompromised Patient** *JOURNAL OF CLINICAL MICROBIOLOGY*
McNeil, C. J., Luo, R. F., Vogel, H., Banaei, N., Ho, D. Y.
2011; 49 (3): 1171-1174

- **Delta Np630 alpha Is an Oncogene that Targets Chromatin Remodeler Lsh to Drive Skin Stem Cell Proliferation and Tumorigenesis** *CELL STEM CELL*
Keyes, W. M., Pecoraro, M., Aranda, V., Vernersson-Lindahl, E., Li, W., Vogel, H., Guo, X., Garcia, E. L., Michurina, T. V., Enikolopov, G., Muthuswamy, S. K., Mills, A. A.
2011; 8 (2): 164-176
- **Isocitrate Dehydrogenase 1 (IDH1)R132H Mutation Is Not Detected in Angiocentric Glioma** *100th Annual Meeting United States-and-Canadian-Academy-of-Pathology*
Raghuathan, A., Olar, A., Vogel, H., Parker, J. R., Coventry, S. C., Debski, R., Albarracin, C. T., Aldape, K. D., Cahill, D. P., Powell, S. Z., Fuller, G. N.
NATURE PUBLISHING GROUP.2011: 384A-384A
- **Isocitrate Dehydrogenase 1 (IDH1) R132H Mutation Is Not Detected in Angiocentric Glioma** *100th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Raghuathan, A., Olar, A., Vogel, H., Parker, J. R., Coventry, S. C., Debski, R., Albarracin, C. T., Aldape, K. D., Cahill, D. P., Powell, S. Z., Fuller, G. N.
NATURE PUBLISHING GROUP.2011: 384A-384A
- **ECTOPIC ACROMEGALY DUE TO A PANCREATIC NEUROENDOCRINE TUMOR PRODUCING GROWTH HORMONE-RELEASING HORMONE** *ENDOCRINE PRACTICE*
Weiss, D. E., Vogel, H., Lopes, M. B., Chang, S. D., Katznelson, L.
2011; 17 (1): 79-84
- **Primary Pediatric Skull Tumors** *PEDIATRIC NEUROSURGERY*
Gephart, M. G., Colglazier, E., Paulk, K. L., Vogel, H., Guzman, R., Edwards, M. S.
2011; 47 (3): 198-203
- **AN RNAI SCREEN IDENTIFIES TRRAP AS A REGULATOR OF BRAIN TUMOR-INITIATING CELL DIFFERENTIATION** *Advances in Inflammatory Bowel Diseases Crohn's and Colitis Foundations National Clinical and Research Conference*
Skirboll, S. L., Wurdak, H., Zhu, S., Romero, A., Lorger, M., Watson, J., Chiang, C., Zhang, J., Natu, V. S., Lairson, L. L., Walker, J. R., Trussell, C. M., Harsh, et al
OXFORD UNIV PRESS INC.2010: 122-122
- **NOVEL POPULATION OF NEURAL STEM CELLS IN THE VENTRAL PONS DURING CHILDHOOD AS A CANDIDATE CELL OF ORIGIN FOR DIFFUSE INTRINSIC PONTINE GLIOMA**
Monje, M., Freret, M., Masek, M., Edwards, M. S., Fisher, P. G., Vogel, H., Beachy, P.
OXFORD UNIV PRESS INC.2010: 127
- **Loss of the p53/p63 Regulated Desmosomal Protein Perp Promotes Tumorigenesis** *PLOS GENETICS*
Beaudry, V. G., Jiang, D., Dusek, R. L., Park, E. J., Knezevich, S., Ridd, K., Vogel, H., Bastian, B. C., Attardi, L. D.
2010; 6 (10)
- **Langerhans cell histiocytosis in a 5-month-old presenting with biparietal masses Case report** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Pricola, K. L., Karamchandani, J., Vogel, H., Dahl, G. V., Yeom, K. W., Edwards, M. S., Guzman, R.
2010; 6 (4): 393-397
- **Retrosellar intracranial extracerebral glioneuronal heterotopion: case report** *CLINICAL NEUROPATHOLOGY*
Karamchandani, J., Fischbein, N., Harsh, G., Katznelson, L., Vogel, H.
2010; 29 (5): 297-300
- **Recurrent Pediatric Ganglion Cell Tumors**
Moblely, B., Minn, Y., Yeom, K., Fisher, P., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2010: 537-38
- **Inhibition of vasculogenesis, but not angiogenesis, prevents the recurrence of glioblastoma after irradiation in mice** *JOURNAL OF CLINICAL INVESTIGATION*
Kioi, M., Vogel, H., Schultz, G., Hoffman, R. M., Harsh, G. R., Brown, J. M.
2010; 120 (3): 694-705
- **Breast cancer brain metastases express the sodium iodide symporter** *JOURNAL OF NEURO-ONCOLOGY*
Renier, C., Vogel, H., Offor, O., Yao, C., Wapnir, I.

2010; 96 (3): 331-336

- **Timing of Bone Marrow Cell Delivery Has Minimal Effects on Cell Viability and Cardiac Recovery After Myocardial Infarction** *CIRCULATION-CARDIOVASCULAR IMAGING*
Swijnenburg, R., Govaert, J. A., van der Bogt, K. E., Pearl, J. I., Huang, M., Stein, W., Hoyt, G., Vogel, H., Contag, C. H., Robbins, R. C., Wu, J. C.
2010; 3 (1): 77-U109
- **An RNAi Screen Identifies TRRAP as a Regulator of Brain Tumor-Initiating Cell Differentiation** *CELL STEM CELL*
Wurdak, H., Zhu, S., Romero, A., Lorget, M., Watson, J., Chiang, C., Zhang, J., Natu, V. S., Lairson, L. L., Walker, J. R., Trussell, C. M., Harsh, G. R., Vogels, et al
2010; 6 (1): 37-47
- **The Lysosomal Sialic Acid Transporter Sialin Is Required for Normal CNS Myelination** *JOURNAL OF NEUROSCIENCE*
Prolo, L. M., Vogel, H., Reimer, R. J.
2009; 29 (49): 15355-15365
- **Intraventricular metaplastic meningioma in a child: case report and review of the literature** *NEUROPATHOLOGY*
Dulai, M. S., Khan, A., Edwards, M. S., Vogel, H.
2009; 29 (6): 708-712
- **Papillary Tumor of the Spinal Cord Report of 2 Cases** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
Mobley, B., Kalani, M. S., Harsh, G. R., Edwards, M. S., Vogel, H.
2009; 33 (8): 1191-1197
- **Unlike p53, p27 failed to exhibit an anti-tumor genetic interaction with Ku80** *CELL CYCLE*
Holcomb, V. B., Vogel, H., Hasty, P.
2009; 8 (15): 2463-66
- **Distinguishing Chordoid Meningiomas From Their Histologic Mimics An Immunohistochemical Evaluation** *97th Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Sangoi, A. R., Dulai, M. S., Beck, A. H., Brat, D. J., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2009: 669-81
- **Intracerebral Extravascular Masson's Tumor Mimicking Glioma**
Fujiwara, M., Harsh, G., Karamchandani, J., Gibbs, I., Fischbein, N., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2009: 587
- **Primary T-cell Lymphoma of the CNS Expressing PD-1, a Marker of Germinal Center T-cells**
Karamchandani, J., Moes, G., Guppy, K., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2009: 589-90
- **A novel homozygous SCO2 mutation, p.G193S, causing fatal infantile cardioencephalomyopathy** *CLINICAL NEUROPATHOLOGY*
Mobley, B. C., Enns, G. M., Wong, L., Vogel, H.
2009; 28 (2): 143-149
- **The Transcription Factor LMO2 Is a Robust Marker of Vascular Endothelium and Vascular Neoplasms and Selected Other Entities** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Gratzinger, D., Zhao, S., West, R., Rouse, R. V., Vogel, H., Gil, E. C., Levy, R., Lossos, I. S., Natkunam, Y.
2009; 131 (2): 264-278
- **Drosophila Models of Neurodegenerative Diseases** *ANNUAL REVIEW OF PATHOLOGY-MECHANISMS OF DISEASE*
Lu, B., Vogel, H.
2009; 4: 315-342
- **Ku80 Deletion Suppresses Spontaneous Tumors and Induces a p53-Mediated DNA Damage Response** *CANCER RESEARCH*
Holcomb, V. B., Rodier, F., Choi, Y., Busuttil, R. A., Vogel, H., Vijg, J., Campisi, J., Hasty, P.
2008; 68 (22): 9497-9502
- **Wnt-mediated self-renewal of neural stem/progenitor cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Kalani, M. Y., Cheshier, S. H., Cord, B. J., Bababeygy, S. R., Vogel, H., Weissman, I. L., Palmer, T. D., Nusse, R.

2008; 105 (44): 16970-16975

- **Effect of Timing of Bone Marrow Cell Delivery on Cell Viability and Cardiac Recovery Following Myocardial Infarction**
Swijnenburg, R., Govaert, J. A., Stein, W., van der Bogt, K., Pearl, J. I., Hoyt, G., Vogel, H., Robbins, R. G., Wu, J. C.
LIPPINCOTT WILLIAMS & WILKINS.2008: S790
- **Suprasellar giant cell ependymoma: a rare neoplasm in a unique location** *HUMAN PATHOLOGY*
Sangoi, A. R., Lim, M., Dulai, M. S., Vogel, H., Chang, S. D.
2008; 39 (9): 1396-1401
- **Reactive oxygen species act remotely to cause synapse loss in a Drosophila model of developmental mitochondrial encephalopathy** *DEVELOPMENT*
Mast, J. D., Tomalty, K. M., Vogel, H., Clandinin, T. R.
2008; 135 (15): 2669-2679
- **Severe congenital encephalopathy caused by MECP2 null mutations in males: central hypoxia and reduced neuronal dendritic structure** *CLINICAL GENETICS*
Schule, B., Armstrong, D. D., Vogel, H., Oviedo, A., Francke, U.
2008; 74 (2): 116-126
- **Pink1 regulates mitochondrial dynamics through interaction with the fission/fusion machinery** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Ouyang, Y., Yang, L., Beal, M. F., McQuibban, A., Vogel, H., Lu, B.
2008; 105 (19): 7070-7075
- **Disseminated subpial demyelination presenting as respiratory stridor**
Dulai, M., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2008: 517
- **Papillary tumor of the spinal cord. Report of two cases**
Mobley, B., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2008: 504
- **Intracerebral hemorrhage caused by cerebral amyloid angiopathy in a 53-year-old man** *JOURNAL OF NEUROLOGY*
Campbell, D. M., Bruins, S., Vogel, H., Shuer, L. M., Wijman, C. A.
2008; 255 (4): 597-598
- **Disseminated Subpial Demyelination Presenting as Respiratory Stridor**
Dulai, M., Vogel, H.
FEDERATION AMER SOC EXP BIOL.2008
- **Papillary tumor of the spinal cord. Report of two cases**
Mobley, B., Vogel, H.
FEDERATION AMER SOC EXP BIOL.2008
- **CNS T-cell lymphoma: an under-recognized entity?** *ACTA NEUROPATHOLOGICA*
Dulai, M. S., Park, C. Y., Howell, W. D., Smyth, L. T., Desai, M., Carter, D. M., Vogel, H.
2008; 115 (3): 345-356
- **Progressive cerebral vascular degeneration with mitochondrial encephalopathy** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Longo, N., Schrijver, I., Vogel, H., Pique, L. M., Cowan, T. M., Pasquali, M., Steinberg, G. K., Hedlund, G. L., Ernst, S. L., Gallagher, R. C., Enns, G. M.
2008; 146A (3): 361-367
- **An unusual case of Pompe disease presenting as muscular dystrophy**
Cusmano-Ozog, K., Vogel, H., Cowan, T., Enns, G.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2008: S18
- **Congenital glioblastoma multiforme: Case report and review of the literature** *PEDIATRIC NEUROSURGERY*
Hou, L. C., Bababeygy, S. R., Sarkissian, V., Fisher, P. G., Vogel, H., Barnes, P., Huhn, S. L.
2008; 44 (4): 304-312

- **Muscle lymphocytic infiltrates in thymoma-associated myasthenia gravis are phenotypically different from those in polymyositis** *NEUROMUSCULAR DISORDERS*
Zamecnik, J., Vesely, D., Jakubicka, B., Simkova, L., Pitha, J., Schutmer, J., Mazanec, R., Vogel, H.
2007; 17 (11-12): 935-942
- **RECQL5/Recql5 helicase regulates homologous recombination and suppresses tumor formation via disruption of Rad51 presynaptic filaments** *GENES & DEVELOPMENT*
Hu, Y., Raynard, S., Sehorn, M. G., Lu, X., Bussen, W., Zheng, L., Stark, J. M., Barnes, E. L., Chi, P., Janscak, P., Jasin, M., Vogel, H., Sung, et al
2007; 21 (23): 3073-3084
- **Deletion of Ku70, Ku80, or both causes early aging without substantially increased cancer** *MOLECULAR AND CELLULAR BIOLOGY*
Li, H., Vogel, H., Holcomb, V. B., Gu, Y., Hasty, P.
2007; 27 (23): 8205-8214
- **Deletion of Ku80 causes early aging independent of chronic inflammation and Rag-1-induced DSBs** *MECHANISMS OF AGEING AND DEVELOPMENT*
Holcomb, V. B., Vogel, H., Hasty, P.
2007; 128 (11-12): 601-8
- **Intraventricular myxoid meningioma in a 7-year-old female** *12th Annual Meeting of the Society-for-Neuro-Oncology*
Dulai, M. S., Khan, A., Edwards, M. S., Vogel, H.
OXFORD UNIV PRESS INC.2007: 550-51
- **A 35-year-old woman with a dural-based mass.** *Brain pathology*
Haddix, T., Chang, S., Vogel, H.
2007; 17 (3): 331-332
- **CNS T-cell lymphoma: an underrecognized entity?**
Dulai, M., Park, C., Smyth, L. T., Desai, M., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2007: 429
- **CNS T-cell lymphoma: an underrecognized entity?**
Dulai, M., Park, C., Smyth, L. T., Desai, M., Vogel, H.
FEDERATION AMER SOC EXP BIOL.2007: A28
- **Multimodality molecular imaging of glioblastoma growth inhibition with vasculature-targeting fusion toxin VEGF(121)/rGel** *JOURNAL OF NUCLEAR MEDICINE*
Hsu, A. R., Cai, W., Veeravagu, A., Mohamedali, K. A., Chen, K., Kim, S., Vogel, H., Hou, L. C., Tse, V., Rosenblum, M. G., Chen, X.
2007; 48 (3): 445-454
- **CHD5 is a tumor suppressor at human 1p36** *CELL*
Bagchi, A., Papazoglu, C., Wu, Y., Capurso, D., Brodt, M., Francis, D., Bredel, M., Vogel, H., Mills, A. A.
2007; 128 (3): 459-475
- **In vivo near-infrared fluorescence imaging of integrin alpha(v)beta(3) in an orthotopic glioblastoma model** *MOLECULAR IMAGING AND BIOLOGY*
Hsu, A. R., Hou, L. C., Veeravagu, A., Greve, J. M., Vogel, H., Tse, V., Chen, X.
2006; 8 (6): 315-323
- **Wilm's tumor gene WT1 and p53 immunohistochemistry: Diagnostic utility in mixed glial neoplasia**
Moes, G., Vogel, H.
NATURE PUBLISHING GROUP.2006: 145
- **Immunohistochemical analysis of cytochrome oxidase deficiency using fixed tissues**
Vogel, H., Masek, M., Gallagher, R., Enns, G.
BLACKWELL PUBLISHING.2006: S167
- **Mitochondrial pathology and muscle and dopaminergic neuron degeneration caused inactivation of Drosophila Pink1 is rescued by Parkin** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Gehrke, S., Imai, Y., Huang, Z., Ouyang, Y., Wang, J., Yang, L., Beal, M. F., Vogel, H., Lu, B.

2006; 103 (28): 10793-10798

- **Transcriptional profiling of aging in human muscle reveals a common aging signature** *PLOS GENETICS*
Zahn, J. M., Sonu, R., Vogel, H., Crane, E., Mazan-Mamczarz, K., Rabkin, R., Davis, R. W., Becker, K. G., Owen, A. B., Kim, S. K.
2006; 2 (7): 1058-1069
- **p63 heterozygous mutant mice are not prone to spontaneous or chemically induced tumors** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Keyes, W. M., Vogel, H., Koster, M. I., Guo, X., Qi, Y., Petherbridge, K. M., Roop, D. R., Bradley, A., Mills, A. A.
2006; 103 (22): 8435-8440
- **Gene targeting of GAN in mouse causes a toxic accumulation of microtubule-associated protein 8 and impaired retrograde axonal transport** *HUMAN MOLECULAR GENETICS*
Ding, J. Q., Allen, E., Wang, W., Valle, A., Wu, C. B., Nardine, T., Cui, B. X., Yi, J., Taylor, A., Jeon, N. L., Chu, S., So, Y., Vogel, et al
2006; 15 (9): 1451-1463
- **Osteopontin expression in intratumoral astrocytes marks tumor progression in gliomas induced by prenatal exposure to N-ethyl-N-nitrosourea** *AMERICAN JOURNAL OF PATHOLOGY*
Jang, T. C., Savarese, T., Low, H. P., Kim, S., Vogel, H., Lapointe, D., Duong, T., Litofsky, N. S., Weimann, J. M., Ross, A. H., Recht, L.
2006; 168 (5): 1676-1685
- **Gene-dosage effects in the human glioma transcriptome and their potential biological impact based on in silico interactome mapping**
Bredel, M., Juric, D., Bredel, C., Harsh, G. R., Vogel, H., Recht, L. D., Sikic, B. I.
AMER ASSOC CANCER RESEARCH.2006
- **TNFAIP3/A20 as a potential regulator of NF-kappa B-mediated resistance to O-6-alkylating chemotherapy in glioblastoma multiforme**
Bredel, M., Bredel, C., Juric, D., Duran, G., Yu, R. X., Harsh, G. R., Vogel, H., Recht, L. D., Scheck, A. C., Sikic, B. I.
AMER ASSOC CANCER RESEARCH.2006
- **Tumor necrosis factor-alpha-induced protein 3 as a putative regulator of nuclear factor-kappa B-mediated resistance to O-6-alkylating agents in human glioblastomas** *JOURNAL OF CLINICAL ONCOLOGY*
Bredel, M., Bredel, C., Juric, D., Duran, G. E., Yu, R. X., Harsh, G. R., Vogel, H., Recht, L. D., Scheck, A. C., Sikic, B. I.
2006; 24 (2): 274-287
- **Vascular-type disruptive defects in fetuses with homozygous alpha-thalassemia: report of two cases and review of the literature** *PRENATAL DIAGNOSIS*
Adam, M. P., Chueh, J., El-Sayed, Y. Y., Stenzel, A., Voge, H., Weaver, D. D., Hoyme, H. E.
2005; 25 (12): 1088-1096
- **Gigaxonin interacts with tubulin folding cofactor B and controls its degradation through the ubiquitin-proteasome pathway** *CURRENT BIOLOGY*
Wang, W., Ding, J. Q., Allen, E., Zhu, P., Zhang, L., Vogel, H., Yang, Y. M.
2005; 15 (22): 2050-2055
- **Identification of phenotypic neural stem cells in a pediatric astroblastoma** *JOURNAL OF NEUROSURGERY*
Huhn, S. L., Yung, Y., Cheshier, S., Harsh, G., Ailles, L., Weissman, I., Vogel, H., Tse, V.
2005; 103 (5): 446-450
- **Functional network analysis reveals extended gliomagenesis pathway maps and three novel MYC-interacting genes in human gliomas** *CANCER RESEARCH*
Bredel, M., Bredel, C., Juric, D., Harsh, G. R., Vogel, H., Recht, L. D., Sikic, B. I.
2005; 65 (19): 8679-8689
- **p63 deficiency activates a program of cellular senescence and leads to accelerated aging** *GENES & DEVELOPMENT*
Keyes, W. M., Wu, Y., Vogel, H., Guo, X. C., Lowe, S. W., Mills, A. A.
2005; 19 (17): 1986-1999
- **A new ENU-induced allele of mouse quaking causes severe CNS dysmyelination** *MAMMALIAN GENOME*
Noveroske, J. K., Hardy, R., Dapper, J. D., Vogel, H., Justice, M. J.
2005; 16 (9): 672-682

- **Embryonic stem cell immunogenicity increases upon differentiation after transplantation into ischemic myocardium** *CIRCULATION*
Swijnenburg, R. J., Tanaka, M., Vogel, H., Baker, J., Kofidis, T., Gunawan, F., Lebl, D. R., Caffarelli, A. D., de Bruin, J. L., Fedoseyeva, E. V., Robbins, R. C.
2005; 112 (9): 1166-1172
- **alpha(v)beta(3) integrin in central nervous system tumors** *HUMAN PATHOLOGY*
Lim, M., Guccione, S., Haddix, T., Sims, L., Cheshier, S., Chu, P., Vogel, H., Harsh, G.
2005; 36 (6): 665-669
- **Hematopoietic cells maintain hematopoietic fates upon entering the brain** *JOURNAL OF EXPERIMENTAL MEDICINE*
Massengale, M., Wagers, A. J., Vogel, H., Weissman, I. L.
2005; 201 (10): 1579-1589
- **High-resolution genome-wide mapping of genetic alterations in human glial brain tumors** *CANCER RESEARCH*
Bredel, M., Bredel, C., Juric, D., Harsh, G. R., Vogel, H., Recht, L. D., Sikic, B. I.
2005; 65 (10): 4088-4096
- **NF90 regulates cell cycle exit and terminal myogenic differentiation by direct binding to the 3'-untranslated region of MyoD and p21(WAF1/CIP1) mRNAs** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Shi, L. F., Zhao, G. H., Qiu, D. M., Godfrey, W. R., Vogel, H., Rando, T. A., Hu, H., Kao, P. N.
2005; 280 (19): 18981-18989
- **Myopathy with skeletal asymmetry and hemidiaphragm elevation is caused by myotubularin mutations** *NEUROLOGY*
Grogan, P. M., Tanner, S. M., Orstavik, K. H., Knudsen, G. P., Saperstein, D. S., Vogel, H., Barohn, R. J., Herbelin, L. L., McVey, A. L., Katz, J. S.
2005; 64 (9): 1638-1640
- **Amplification of whole tumor genomes and gene-by-gene mapping of genomic aberrations from limited sources of fresh-frozen and paraffin-embedded DNA** *JOURNAL OF MOLECULAR DIAGNOSTICS*
Bredel, M., Bredel, C., Juric, D., Kim, Y., Vogel, H., Harsh, G. R., Recht, L. D., Pollack, J. R., Sikic, B. I.
2005; 7 (2): 171-182
- **Overexpression of osteopontin (OPN) in glioblastoma multiforme (GBM).** *81st Annual Meeting of the American Association of Neuropathologists*
Haddix, T. L., Recht, L. D., Myles, T., Leung, L. L., Vogel, H.
LIPPINCOTT WILLIAMS & WILKINS.2005: 456-56
- **Defective sister-chromatid cohesion, aneuploidy and cancer predisposition in a mouse model of type II Rothmund-Thomson syndrome** *HUMAN MOLECULAR GENETICS*
Mann, M. B., Hodges, C. A., Barnes, E., Vogel, H., Hassold, T. J., Luo, G.
2005; 14 (6): 813-825
- **Diagnostic immunohistology of muscle diseases** *JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY*
Vogel, H., Zamecnik, J.
2005; 64 (3): 181-193
- **Capsaicin-sensitive sensory neurons contribute to the maintenance of trabecular bone integrity** *JOURNAL OF BONE AND MINERAL RESEARCH*
Offley, S. C., Guo, T. Z., Wei, T. P., Clark, J. D., Vogel, H., Lindsey, D. P., Jacobs, C. R., Yao, W., Lane, N. E., Kingery, W. S.
2005; 20 (2): 257-267
- **Characterization of the integrin alpha v beta 3 in arteriovenous malformations and cavernous malformations** *CEREBROVASCULAR DISEASES*
Lim, M., Haddix, T., Harsh, G. R., Vogel, H., Steinberg, G. K., Guccione, S.
2005; 20 (1): 23-27
- **In reply to: Proving pathogenicity - When evolution is not enough** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Scaglia, F., Vogel, H., Hawkins, E. P., Vladutiu, G. D., Guan, M. X., Liu, L. L., Wong, L. J.
2004; 131A (1): 109-110
- **Burden of proof in the postmortem diagnosis of mitochondrial disease: Leigh disease** *PEDIATRIC AND DEVELOPMENTAL PATHOLOGY*
Vogel, H.

2004; 7 (6): 615-619

- **Immunogenicity of embryonic stem cells increases upon differentiation in ischemic myocardium** *77th Scientific Meeting of the American-Heart-Association*
Swijnenburg, R. J., Tanaka, M., Baker, J., Vogel, H., Lebl, D. R., Caffarelli, A. D., Kofidis, T., Robbins, R. C.
LIPPINCOTT WILLIAMS & WILKINS.2004: 507–
- **Clinical spectrum, morbidity, and mortality in 113 pediatric patients with mitochondrial disease** *PEDIATRICS*
Scaglia, F., Towbin, J. A., Craigen, W. J., Belmont, J. W., Smith, E. O., Neish, S. R., Ware, S. M., Hunter, J. V., Fernbach, S. D., Vladutiu, G. D., Wong, L. J., Vogel, H.
2004; 114 (4): 925-931
- **Primitive neuroectodermal tumors, embryonal tumors, and other small cell and poorly differentiated malignant neoplasms of the central and peripheral nervous systems.** *Annals of diagnostic pathology*
Vogel, H., Fuller, G. N.
2003; 7 (6): 387-398
- **Novel homoplasmic mutation in the mitochondrial tRNA(Tyr) gene associated with atypical mitochondrial cytopathy presenting with focal segmental glomerulosclerosis** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Scaglia, F., Vogel, H., Hawkins, E. P., Vladutiu, G. D., Liu, L. L., Wong, L. J.
2003; 123A (2): 172-178
- **COP9 signalosome subunit 3 (Csn3) is essential for maintenance of cell proliferation in the mouse embryonic epiblast.** *53rd Annual Meeting of the American-Society-of-Human-Genetics*
Yan, J., Walz, K., Nakamura, H., Carattini-Rivera, S., Zhao, Q., Vogel, H., Wei, N., JUSTICE, M. J., Bradley, A., Lupski, J. R.
CELL PRESS.2003: 328–28
- **Cooperativity of p19(ARF), Mdm2, and p53 in murine tumorigenesis** *ONCOGENE*
Moore, L., Venkatachalam, S., Vogel, H., Watt, J. C., Wu, C. L., Steinman, H., Jones, S. N., Donehower, L. A.
2003; 22 (49): 7831-7837
- **COP9 signalosome subunit 3 is essential for maintenance of cell proliferation in the mouse embryonic epiblast** *MOLECULAR AND CELLULAR BIOLOGY*
Yan, J., Walz, K., Nakamura, H., Carattini-Rivera, S., Zhao, Q., Vogel, H., Wei, N., JUSTICE, M. J., Bradley, A., Lupski, J. R.
2003; 23 (19): 6798-6808
- **Modeling del(17)(p11.2p11.2) and dup(17)(p11.2p11.2) contiguous gene syndromes by chromosome engineering in mice: Phenotypic consequences of gene dosage imbalance** *MOLECULAR AND CELLULAR BIOLOGY*
Walz, K., Carattini-Rivera, S., Bi, W. M., Fonseca, P., Mansouri, D. L., Lynch, J., Vogel, H., Noebels, J. L., Bradley, A., Lupski, J. R.
2003; 23 (10): 3646-3655
- **Phenotypic consequences of gene dosage imbalance in chromosome engineered mouse models for del(17)p11.2 (Smith-Magenis syndrome) and it's reciprocal duplication.** *52nd Annual Meeting of the American-Society-of-Human-Genetics*
Walz, K., Carattini-Rivera, S., Bi, W., Mansouri, D., Vogel, H., Paylor, R., Lynch, J. K., Noebels, J. L., Bradley, A., Lupski, J. L.
CELL PRESS.2002: 195–95
- **Mitochondrial DNA depletion associated with partial complex II and IV deficiencies and 3-methylglutaconic aciduria** *49th Annual Meeting of the American-Society-of-Human-Genetics*
Scaglia, F., Sutton, V. R., Bodamer, O. A., Vogel, H., Shapira, S. K., Naviaux, R. K., Vladutiu, G. D.
SAGE PUBLICATIONS INC.2001: 136–38
- **p63 is a p53 homologue required for limb and epidermal morphogenesis** *NATURE*
Mills, A. A., Zheng, B. H., Wang, X. J., Vogel, H., Roop, D. R., Bradley, A.
1999; 398 (6729): 708-713
- **Embryonic lethality and tumorigenesis caused by segmental aneuploidy on mouse chromosome 11** *GENETICS*
Liu, P. T., Zhang, H. J., McLellan, A., Vogel, H., Bradley, A.
1998; 150 (3): 1155-1168
- **Retention of wild-type p53 in tumors from p53 heterozygous mice: reduction of p53 dosage can promote cancer formation** *EMBO JOURNAL*
Venkatachalam, S., Shi, Y. P., Jones, S. N., Vogel, H., Bradley, A., Pinkel, D., Donehower, L. A.

1998; 17 (16): 4657-4667

- **EFFECTS OF GENETIC BACKGROUND ON TUMORIGENESIS IN P53-DEFICIENT MICE** *8th International Conference on Carcinogenesis and Risk Assessment: Genetics and Susceptibility - Impact on Risk Assessment*
Donehower, L. A., Harvey, M., Vogel, H., McArthur, M. J., Montgomery, C. A., Park, S. H., Thompson, T., Ford, R. J., Bradley, A.
WILEY-LISS.1995: 16–22

PRESENTATIONS

- Mitochondrial encephalomyopathies. News and views - 60th Annual Meeting of the German Society for Neuropathology and Neuroanatomy (DGNN) (August 26, 2015 - August 28, 2015)