Stanford



Sonia Partap

- Clinical Professor, Pediatric Neurology
- Clinical Professor (By courtesy), Neurosurgery
- Clinical Professor (By courtesy), Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Pediatric Oncology Clinic**

  725 Welch Rd Ste 160

  Palo Alto, CA 94304

  Tel (650) 497-8953 **Fax** (650) 497-8101

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Julie Ng - Administrative Assistant

  Email julieng@stanford.edu

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Bio

CLINICAL FOCUS

- Pediatric Neuro-Oncology
- Neurology with Special Qualifications in Child Neurology

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatric Neurology
- Clinical Professor (By courtesy), Neurosurgery
- Clinical Professor (By courtesy), Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Pediatric Neuro-Oncology Fellowship Director, Stanford, (2012- present)
- Program Director, Neuro-Oncology Fellowship (UCNS), Stanford, (2020- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, United Council for Neurologic Subspecialties (2025 - present)
- Pediatric Representative, American Academy of Neurology, Section of Neuro-Oncology (2015 - present)
- Councilor of the West, Child Neurology Society (2020 - 2022)
- Member, Executive Committee, Section of Neurology, American Academy of Pediatrics (2012 - 2018)
- Treasurer (elect), Brain Tumor Epidemiology Consortium (2012 - 2014)

PROFESSIONAL EDUCATION

- Medical Education: University of Missouri Kansas City School of Medicine (2000) MO
- Board Certification: Neuro-Oncology, United Council for Neurologic Subspecialties (2011)
- Board Certification: Neurology with Special Qualifications in Child Neurology, American Board of Psychiatry and Neurology (2007)

- Board Certification: Pediatrics, American Board of Pediatrics (2007)
- Fellowship:, Stanford Children's & Stanford University Hospital , Neuro-Oncology (2007)
- Residency: Childrens Hospital and Regional Medical Center Fellowships (2006) WA
- Residency: Brown University Hospitals (2002) RI
- Masters:, Stanford University , Epidemiology (2009)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests involve the epidemiology, treatment and diagnosis of pediatric and young adult brain tumors. I am also interested in long-term neurologic effects and designing clinical trials to treat brain and spinal cord tumors.

CLINICAL TRIALS

- A Study of Lower Radiotherapy Dose to Treat Children With CNS Germinoma, Recruiting
- GD2 CAR T Cells in Diffuse Intrinsic Pontine Gliomas(DIPG) & Spinal Diffuse Midline Glioma(DMG), Recruiting
- Molecular and Clinical Risk-Directed Therapy for Infants and Young Children With Newly Diagnosed Medulloblastoma, Recruiting
- A Clinical and Molecular Risk-Directed Therapy for Newly Diagnosed Medulloblastoma, Not Recruiting
- A Pilot Study of SurVaxM in Children Progressive or Relapsed Medulloblastoma, High Grade Glioma, Ependymoma and Newly Diagnosed Diffuse Intrinsic Pontine Glioma, Not Recruiting
- A Study Comparing Abemaciclib Plus Temozolomide to Temozolomide Monotherapy in Children and Young Adults With High-grade Glioma Following Radiotherapy, Not Recruiting
- A Study Evaluating the Safety, Pharmacokinetics, and Efficacy of Alectinib in Pediatric Participants With ALK Fusion-Positive Solid or CNS Tumors, Not Recruiting
- A Study of Pomalidomide Monotherapy for Children and Young Adults With Recurrent or Progressive Primary Brain Tumors, Not Recruiting
- A Trial of Dabrafenib, Trametinib and Hydroxychloroquine for Patients With Recurrent LGG or HGG With a BRAF Aberration, Not Recruiting
- Adult Study: ABT-414 Alone or ABT-414 Plus Temozolomide vs. Lomustine or Temozolomide for Recurrent Glioblastoma Pediatric Study: Evaluation of ABT-414 in Children With High Grade Gliomas, Not Recruiting
- Bevacizumab and Lapatinib in Children With Recurrent or Refractory Ependymoma, Not Recruiting
- Biomarkers in Blood Samples From Young Patients With Newly Diagnosed Brain Tumors Undergoing Standard Radiation Therapy and Chemotherapy, Not Recruiting
- Erlotinib Versus Oral Etoposide in Patients With Recurrent or Refractory Pediatric Ependymoma, Not Recruiting
- Everolimus for Children With Recurrent or Progressive Ependymoma, Not Recruiting
- FLT-PET Imaging of Brain Tumors in Children, Not Recruiting
- Imetelstat Sodium in Treating Younger Patients With Recurrent or Refractory Brain Tumors, Not Recruiting
- Optune for Children With High-Grade Glioma or Ependymoma, and Optune With Radiation Therapy for Children With DIPG, Not Recruiting
- Palbociclib Isethionate in Treating Younger Patients With Recurrent, Progressive, or Refractory Central Nervous System Tumors, Not Recruiting
- Peginterferon Alfa-2b in Younger Patients With Craniopharyngioma That is Recurrent or Cannot Be Removed By Surgery, Not Recruiting
- Pembrolizumab in Treating Younger Patients With Recurrent, Progressive, or Refractory High-Grade Gliomas, Diffuse Intrinsic Pontine Gliomas, Hypermutated Brain Tumors, Ependymoma or Medulloblastoma, Not Recruiting
- Phase 2 Study of Alisertib Therapy for Rhabdoid Tumors, Not Recruiting
- Phase I Study of APX005M in Pediatric Central Nervous System Tumors, Not Recruiting

- Risk-Adapted Therapy for Young Children With Embryonal Brain Tumors, Choroid Plexus Carcinoma, High Grade Glioma or Ependymoma, Not Recruiting
- Safety and Efficacy of Cabazitaxel in Pediatric Patients With Refractory Solid Tumors Including Central Nervous System Tumors, Not Recruiting
- Selumetinib in Treating Young Patients With Recurrent or Refractory Low Grade Glioma, Not Recruiting
- Single-agent Erlotinib in Patients Previously Treated With Oral Etoposide in Protocol OSI-774-205, Not Recruiting
- Sunitinib Malate in Treating Younger Patients With Recurrent, Refractory, or Progressive Malignant Glioma or Ependymoma, Not Recruiting
- Testing the Safety and Tolerability of CX-4945 in Patients With Recurrent Medulloblastoma Who May or May Not Have Surgery, Not Recruiting
- Veliparib, Radiation Therapy, and Temozolomide in Treating Younger Patients With Newly Diagnosed Diffuse Pontine Gliomas, Not Recruiting
- Volitinib in Treating Patients With Recurrent or Refractory Primary CNS Tumors, Not Recruiting
- 131I-Omburtamab, in Recurrent Medulloblastoma and Ependymoma, Not Specified
- DNA Analysis of Tumor Tissue Samples From Patients With Diffuse Brain Stem Glioma, Not Specified
- HSV G207 With a Single Radiation Dose in Children With Recurrent High-Grade Glioma, Not Specified
- p28 in Treating Younger Patients With Recurrent or Progressive Central Nervous System Tumors, Not Specified
- Pomalidomide in Treating Younger Patients With Recurrent, Progressive, or Refractory Central Nervous System Tumors, Not Specified
- Study With Infigratinib in Subjects With Advanced Solid and CNS Tumors or Recurrent or Progressive Low-Grade Glioma With Selected FGFR1-3 Alterations, Not Specified
- Vismodegib in Treating Younger Patients With Recurrent or Refractory Medulloblastoma, Not Specified

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Epidemiology (Masters Program)
- Pediatric Hem/Onc (Fellowship Program)

Publications

PUBLICATIONS

- **Pediatric Central Nervous System Cancers, Version 2.2025, NCCN Clinical Practice Guidelines In Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*

  Gajjar, A., Mahajan, A., Bale, T., Bowers, D. C., Canan, L., Chi, S., Cluster, A., Cohen, K., Cole, B., Coven, S., Darlington, W., Dorris, K., Elster, et al

  2025; 23 (3): 113-130

- **Author Correction: Intravenous and intracranial GD2-CAR T cells for H3K27M+ diffuse midline gliomas.** *Nature*

  Monje, M., Mahdi, J., Majzner, R., Yeom, K. W., Schultz, L. M., Richards, R. M., Barsan, V., Song, K. W., Kamens, J., Baggott, C., Kunicki, M., Rietberg, S. P., Lim, et al

  2024

- **Discontinuation of Antiseizure Medications in Patients With Brain Tumors.** *Neurology*

  Peters, K. B., Templer, J., Gerstner, E. R., Wychowski, T., Storstein, A. M., Dixit, K., Walbert, T., Melnick, K., Hrachova, M., Partap, S., Ullrich, N. J., Ghiaseddin, A. P., Mrgula, et al

  2024; 102 (4): e209163

- **Pediatric and Adult Brain Death/Death by Neurologic Criteria Consensus Guideline: Report of the AAN Guidelines Subcommittee, AAP, CNS, and SCCM.** *Neurology*

  Greer, D. M., Kirschen, M. P., Lewis, A., Gronseth, G. S., Rae-Grant, A., Ashwal, S., Babu, M. A., Bauer, D. F., Billinghurst, L., Corey, A., Partap, S., Rubin, M. A., Shutter, et al

  2023

- **Pediatric H3 G34-mutant diffuse hemispheric glioma: clinical, imaging and molecular prognostic factors, MGMT expression, and temozolomide response.** *Acta neuropathologica*

Tlais, D., Zhang, Q., Roach, J. T., Tinkle, C. L., Lin, T., Li, X., Mostafa, A., Moreira, D. C., McNall-Knapp, R. Y., Rush, S. Z., Le, B. H., Sinno, S., Ramnarayan, et al

2026; 151 (1)

- **LEVETIRACETAM THERAPEUTICALLY TARGETS GABAERGIC SYNAPSES IN DIFFUSE MIDLINE GLIOMA**

  Barron, T., Yalcin, B., Su, M., Mochizuki, A., Drexler, R., Cantor, E., Byun, Y., Gavish, A., Shamardani, K., Xu, H., Ni, L., Soni, N., Tlais, et al

  OXFORD UNIV PRESS INC.2025: v69

- **PHASE 2 STUDY OF ALISERTIB IN COMBINATION THERAPY FOR NEWLY DIAGNOSED ATYPICAL TERATOID/RHABDOID TUMOR (AT/RT)-RESULTS FROM SJATRT STRATA B AND C**

  Bagchi, A., Upadhyaya, S. A., Dhanda, S., Billups, C., Baxter, P., Bendel, A., Aguillera, D., Kilburn, L., Crawford, J., Partap, S., Hanzlik, E., Tran, Q., Breuer, et al

  OXFORD UNIV PRESS INC.2025: v145-v146

- **Pediatric H3 G34-Mutant Diffuse Hemispheric Glioma: Unique biology and clinical behavior**

  Tlais, D., Zhang, Q., Roach, J., Tinkle, C., Li, X., Lin, T., Mostafa, A., Moreira, D., McNall-Knapp, R., Rush, S., Le, B., Sinno, S., Agarwal, et al

  OXFORD UNIV PRESS INC.2025: v267

- **An Updated Analysis of PD1 and Immune Pathway Activity in Malignant Pediatric Central Nervous System (CNS) Tumors: A Pediatric Brain Tumor Consortium (PBTC) Study, PBTC-N13**

  Raskin, S., Yang, C., Lin, T., Yearley, J., Blumenschein, W., Pillay-Smiley, N., Lenzen, A., Partap, S., Fangusaro, J., Gururangan, S., Onar-Thomas, A., Fouladi, M., Dunkel, et al

  OXFORD UNIV PRESS INC.2025: v221

- **The single cell landscape of NF1-associated gliomas pre- and post-treatment and comparison to their sporadic counterparts**

  Gupta, R., Ravindranathan, A., Wu, J., Lucas, C., Shai, A., Nazarian, J., Campen, C., Partap, S., Omuro, A., Gephart, M., Lim, M., Butowski, N., Berger, et al

  OXFORD UNIV PRESS INC.2025: v262

- **Molecular characterization of the SJMB12 clinical trial for children and young adults with newly diagnosed medulloblastoma**

  Filipovic, D., Smith, K., Dhanda, S., Strother, D., Fisher, M. J., Bendel, A., Hwang, E., Zhao, S., Gottardo, N. G., Hassall, T. E. G., Elster, J., Perreault, S., Ramaswamy, et al

  OXFORD UNIV PRESS INC.2025: v151

- **Enhancing Medulloblastoma Classification: Integrating IHC and DNA Methylation Data from the SJMB12 Clinical Trial**

  Dhanda, S., Breuer, A., Tran, Q. T., Smith, K., Strother, D., Fisher, M., Bendel, A., Hwang, E., Zhao, S., Gottardo, N., Hassall, T., Elster, J., Perreault, et al

  OXFORD UNIV PRESS INC.2025: v270

- **HUMANIZED ANTI-CAR ANTIBODIES AFFECT DURABLE RESPONSE TO GD2-CAR T-CELLS IN DIFFUSE MIDLINE GLIOMA**

  Chen, Y., Song, K., Huang, Y., Iswari, N., Desai, M., Ehlinger, Z., Daghagh, H., Reynolds, K., Mahdi, J., Majzner, R., Richards, B., Kamens, J., Barsan, et al

  OXFORD UNIV PRESS INC.2025: v114

- **A Phase 2 PBTC Study of Selumetinib for Recurrent/Progressive Pediatric Low-Grade Glioma: Strata 2, 5, and 6 with Long-term Outcomes on Strata 1, 3, and 4.** *Neuro-oncology*

  Fangusaro, J., Onar-Thomas, A., Young Poussaint, T., Lensing, S., Ligon, A. H., Lindeman, N., Banerjee, A., Kilburn, L. B., Lenzen, A., Pillay-Smiley, N., Pollack, I. F., Robison, N. J., Partap, et al

  2025

- **Intravenous and intracranial GD2-CAR T cells for H3K27M+ diffuse midline gliomas.** *Nature*

  Monje, M., Mahdi, J., Majzner, R., Yeom, K. W., Schultz, L. M., Richards, R. M., Barsan, V., Song, K. W., Kamens, J., Baggott, C., Kunicki, M., Rietberg, S. P., Lim, et al

  2024

- **MYELOID POPULATIONS MODULATE GD2 CAR T CELL ACTIVITY IN DIFFUSE MIDLINE GLIOMA**

  Ramakrishna, S., Geraghty, A., Good, Z., Desai, M., Mancusi, R., Mahdi, J., Song, K., Ehlinger, Z., Chen, Y., Hamilton, M., Rietberg, S., Majzner, R., Schultz, et al

  OXFORD UNIV PRESS INC.2024

- **SOMATICTP53, PIK3R1, NF1 ORTERT MUTATIONS ARE ASSOCIATED WITH INFERIOR CLINICAL OUTCOME IN H3K27M-ALTERED DIFFUSE MIDLINE GLIOMA: AN INTERNATIONAL, MULTI-INSTITUTIONAL STUDY**

Nguyen, T., Lerman, B., Stoller, S., Muller, T., Comfort, L., Leal-Ekman, S., Lyons, S., Holman, L., Junior, C., Banerjee, A., Reddy, A., Gupta, N., Whipple, et al

OXFORD UNIV PRESS INC.2024

- **CHROMOSOMAL LOSSES CORRELATE WITH POOR OVERALL SURVIVAL IN H3K27M-ALTERED DIFFUSE MIDLINE GLIOMAS**

  Leal-Ekman, J., Nguyen, T., Campen, C., Ryan, K., Wheeler, J., Mahdi, J., Monje, M., Partap, S., Prolo, L.

  OXFORD UNIV PRESS INC.2024

- **PEDIATRIC BRAIN TUMOR CONSORTIUM (PBTC)-056: A PHASE 1 STUDY OF THE ADAM-10 INHIBITOR, INCB007839, IN CHILDREN WITH RECURRENT/PROGRESSIVE HIGH-GRADE GLIOMAS TO TARGET MICROENVIRONMENTAL NEUROLOGIN-3**

  Lenzen, A., Partap, S., Billups, C., Poussaint, T., Sait, S., Robison, N., Castellino, C. C., Felker, J., Stewart, C., Fangusaro, J., Onar-Thomas, A., Dunkel, I. J., Warren, et al

  OXFORD UNIV PRESS INC.2024

- **TUMOR INFLAMMATION-ASSOCIATED NEUROTOXICITY (TIAN): A TOXICITY SYNDROME IN PATIENTS TREATED WITH IMMUNOTHERAPY FOR CENTRAL NERVOUS SYSTEM TUMORS**

  Mahdi, J., Dietrich, J., Straathof, K., Roddie, C., Scott, B. J., Davidson, T., Prolo, L., Batchelor, T. T., Campen, C. J., Davis, K. L., Gust, J., Lim, M., Majzner, et al

  OXFORD UNIV PRESS INC.2024

- **CEREBROSPINAL FLUID DIVERSION DOES NOT PROLONG OVERALL SURVIVAL IN CHILDREN WITH DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG): A REPORT FROM THE INTERNATIONAL DIPG REGISTRY**

  Manoharan, N., Cooney, T., Dewire-Schottmiller, M., Lane, A., Nellan, A., Leary, S., Partap, S., Kilburn, L., Wright, K. D., Hummel, T., Ziegler, D. S., Fouladi, M., Hoffman, et al

  OXFORD UNIV PRESS INC.2024

- **SOMATICTP53,PIK3R1, NF1 ORTERT MUTATIONS ARE ASSOCIATED WITH INFERIOR CLINICAL OUTCOME IN H3K27M-ALTERED DIFFUSE MIDLINE GLIOMA**

  Nguyen, T., Lerman, B., Stoller, S., Muller, T., Comfort, L., Lyons, S., Holman, L., Lucas Junior, C., Banerjee, A., Reddy, A., Gupta, N., Whipple, N., Gerber, et al

  OXFORD UNIV PRESS INC.2024

- **EFFECT OF REDUCED-DOSE CRANIOSPINAL IRRADIATION AND REDUCED-DOSE ADJUVANT CHEMOTHERAPY ON CHILDREN AND ADOLESCENTS WITH WNT MEDULLOBLASTOMA WITHOUT RESIDUAL OR METASTATIC DISEASE: RESULTS FROM THE SJMB12 CLINICAL TRIAL**

  Robinson, G. W., Merchant, T. E., Orr, B. A., Bass, J. K., Conklin, H. M., Bag, A., Dhanda, S. K., Pinto, S., Delaney, A., Mikkelsen, M., Reddick, W., Huang, J., Ashford, et al

  OXFORD UNIV PRESS INC.2024

- **REPORT ON PEDIATRIC BRAIN TUMOR CONSORTIUM (PBTC)-029B, A PROSPECTIVE PHASE 2 CLINICAL TRIAL OF SELUMETINIB IN TREATING YOUNG PATIENTS WITH RECURRENT/PROGRESSIVE LOW-GRADE GLIOMA: NEW RESULTS ON STRATA 2, 5, AND 6 WITH UPDATED LONG-TERM SURVIVAL OUTCOMES ON STRATA 1, 3, AND 4**

  Fangusaro, J., Onar-Thomas, A., Poussaint, T., Lensing, S., Ligon, A. H., Lindeman, N., Banerjee, A., Kilburn, L., Lenzen, A., Pillay-Smiley, N., Pollack, I. F., Robison, N., Partap, et al

  OXFORD UNIV PRESS INC.2024

- **ACR Appropriateness Criteria Orbital Imaging and Vision Loss-Child.** *Journal of the American College of Radiology : JACR*

  Expert Panel on Pediatric Imaging, Maheshwari, M., Ho, M., Bosemani, T., Dahmoush, H., Fredrick, D., Guimaraes, C. V., Gulko, E., Jaimes, C., Joseph, M. M., Kaplan, S. L., Miyamoto, R. C., Nadel, H. R., et al

  2024; 21 (6S): S219-S236

- **High-grade glioma in infants and young children is histologically, molecularly, and clinically diverse-Results from the SJYC07 trial and institutional experience.** *Neuro-oncology*

  Chiang, J., Bagchi, A., Li, X., Dhanda, S. K., Huang, J., Pinto, S. N., Sioson, E., Dalton, J., Tatevossian, R. G., Jia, S., Partap, S., Fisher, P. G., Bowers, et al

  2023

- **GABAERGIC NEURON-TO-GLIOMA SYNAPSES IN DIFFUSE MIDLINE GLIOMAS**

  Barron, T., Yalcin, B., Mochizuki, A., Cantor, E., Shamardani, K., Tlais, D., Franson, A., Lyons, S., Mehta, V., Jahan, S., Taylor, K., Keough, M., Xu, et al

  OXFORD UNIV PRESS INC.2023

- **HIGH-GRADE GLIOMA IN YOUNG CHILDREN IS HISTOLOGICALLY, MOLECULARLY, AND CLINICALLY DIVERSERESULTS FROM THE SJYC07 TRIAL AND INSTITUTIONAL EXPERIENCE**
  Chiang, J., Bagchi, A., Li, X., Dhanda, S. K., Huang, J., Pinto, S. N., Sioson, E., Partap, S., Fisher, P. G., Bowers, D. C., Hassall, T. E. G., Lu, C., Zaldivar-Peraza, et al
  OXFORD UNIV PRESS INC.2023

- **TUMOR INFLAMMATION-ASSOCIATED NEUROTOXICITY (TIAN): A TOXICITY SYNDROME IN PATIENTS TREATED WITH IMMUNOTHERAPY FOR CENTRAL NERVOUS SYSTEM TUMORS**
  Mahdi, J., Dietrich, J., Straathof, K., Roddie, C., Scott, B., Davidson, T., Prolo, L., Batchelor, T., Campen, C., Davis, K., Gust, J., Lim, M., Majzner, et al
  OXFORD UNIV PRESS INC.2023

- **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

- **Tumor inflammation-associated neurotoxicity.** *Nature medicine*
  Mahdi, J., Dietrich, J., Straathof, K., Roddie, C., Scott, B. J., Davidson, T. B., Prolo, L. M., Batchelor, T. T., Campen, C. J., Davis, K. L., Gust, J., Lim, M., Majzner, et al
  2023

- **Phase II study of everolimus for recurrent or progressive pediatric ependymoma.** *Neuro-oncology advances*
  Bowers, D. C., Rajaram, V., Karajannis, M. A., Gardner, S. L., Su, J. M., Baxter, P., Partap, S., Klesse, L. J.
  2023; 5 (1): vdad011

- **Pediatric Central Nervous System Cancers, Version 2.2023** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Gajjar, A., Mahajan, A., Abdelbaki, M., Anderson, C., Antony, R., Bale, T., Bindra, R., Bowers, D. C., Cohen, K., Cole, B., Dorris, K., Ermoian, R., Franson, et al
  2022; 20 (12): 1339-1362

- **The children's brain tumor network (CBTN) - Accelerating research in pediatric central nervous system tumors through collaboration and open science.** *Neoplasia (New York, N.Y.)*
  Lilly, J. V., Rokita, J. L., Mason, J. L., Patton, T., Stefankiewiz, S., Higgins, D., Trooskin, G., Larouci, C. A., Arya, K., Appert, E., Heath, A. P., Zhu, Y., Brown, et al
  2022; 35: 100846

- **Stereotactic radiosurgery for recurrent pediatric brain tumors: clinical outcomes and toxicity.** *Neurosurgical focus*
  Wang, E., Gutkin, P. M., Oh, J., Pollom, E., Soltys, S. G., Grant, G. A., Prolo, L. M., Chang, S., Li, G., Fisher, P. G., Partap, S., Campen, C. J., Gibbs, et al
  2022; 53 (5): E2

- **ACR Appropriateness Criteria Ataxia-Child.** *Journal of the American College of Radiology : JACR*
  Expert Panel on Pediatric Imaging, Radhakrishnan, R., Shea, L. A., Pruthi, S., Silvera, V. M., Bosemani, T., Desai, N. K., Gilbert, D. L., Glenn, O. A., Guimaraes, C. V., Ho, M., Lam, H. F., Maheshwari, M., et al
  2022; 19 (11S): S240-S255

- **Molecular classification and outcome of children with rare CNS embryonal tumors: results from St. Jude Children's Research Hospital including the multi-center SJYC07 and SJMB03 clinical trials.** *Acta neuropathologica*
  Liu, A. P., Dhanda, S. K., Lin, T., Sioson, E., Vasilyeva, A., Gudenas, B., Tatevossian, R. G., Jia, S., Neale, G., Bowers, D. C., Hassall, T., Partap, S., Crawford, et al
  2022

- **Socio-behavioral dysfunction in disorders of hypothalamic-pituitary involvement: The potential role of disease-induced oxytocin and vasopressin signaling deficits.** *Neuroscience and biobehavioral reviews*
  Clarke, L., Zyga, O., Pineo-Cavanaugh, P. L., Jeng, M., Fischbein, N. J., Partap, S., Katznelson, L., Parker, K. J.
  2022: 104770

- **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

- **Phase II study of alisertib as a single agent for treating recurrent or progressive atypical teratoid/rhabdoid tumor.** *Neuro-oncology*
  Upadhyaya, S. A., Campagne, O., Billups, C. A., Orr, B. A., Onar-Thomas, A., Tatevossian, R. G., Mostafavi, R., Myers, J. R., Vinitsky, A., Moreira, D. C., Lindsay, H. B., Kilburn, L., Baxter, 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**
  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

- **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., Vinitsky, 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

- **PEDIATRIC BRAIN TUMOR CONSORTIUM (PBTC)-055: A PHASE I STUDY OF TRAMETINIB AND HYDROXYCHLOROQUINE (HCQ) FOR BRAF-FUSION OR NEUROFIBROMATOSIS TYPE-1 (NF1)-ASSOCIATED PEDIATRIC GLIOMAS**
  Hoffman, L. M., Levy, J., Kilburn, L., Billups, C., Stokes, V., McCourt, E., Poussaint, T., Campagne, O., Partap, S., Dorris, K., Sait, S., Robinson, G., Baxter, et al
  OXFORD UNIV PRESS INC.2022: 35

- **SIGNIFICANT TUMOR REGRESSION OF H3K27M-MUTATED DIFFUSE MIDLINE GLIOMA OF THE BRAINSTEM WITH PANOBINOSTAT: A CASE REPORT**
  Partap, S., Abadilla, N., Farahzadi, T., Monje, M.
  OXFORD UNIV PRESS INC.2022: 27

- **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
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