

Veena Rajaram, M.B.B.S. (MD)

CURRENT APPOINTMENTS: Associate Professor, Department of Pathology
UT Southwestern,
Medical Director, Anatomic Pathology, Histology and
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Associate Pathologist and Neuropathologist,
Children’s Medical Center. Dallas, Texas

PERSONAL DATA

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EDUCATION AND TRAINING

Graduate

11/1982-6/1988 M.B.B.S.: M.K.C.G. Medical College, Berhampur, Orissa, India

Postgraduate

7/1997-6/1998 Resident (PGY-1) in Anatomic and Clinical Pathology, Winthrop
University Hospital, Mineola, New York.
8/1998-6/2000 Resident (PGY 2-3) in Anatomic Pathology, Washington University School
of Medicine, St. Louis, Missouri
7/2000-6/2001 Fellow in Surgical Pathology, Washington University School of Medicine,
St. Louis, Missouri
7/2001-6/2002 Fellow in Pediatric Pathology, Washington University School of Medicine,
St. Louis, Missouri
7/2002-6/2004 Fellow in Neuropathology, Washington University School of Medicine, St.
Louis, Missouri

ACADEMIC APPOINTMENTS

9/2012- Associate Professor, UT Southwestern, Dallas, Texas
9/2004-8/2012 Assistant Professor, Northwestern University, Chicago, IL

CLINICAL SERVICE APPOINTMENTS

4/2015- Associate Pathologist, Children's Health, Plano, Tx
6/2014- Medical Director, Anatomic Pathology and Histology, Children's Medical Center, Dallas, Tx
9/2012- Associate Pathologist, Children's Health, Dallas, Tx.
9/2012- Medical Director, Electron Microscopy, Children's Medical Center, Dallas, Tx
2009-2012 Director of Tissue banking, Children's Memorial Hospital/ Ann & Robert H. Lurie children's hospital, Chicago, IL
2009-2012 Director of Gross Room and morgue, Children's Memorial Hospital/ Ann & Robert H. Lurie children's hospital, Chicago, IL
2006-2009 Director of Immunohistochemistry, Children's Memorial Hospital, Chicago, IL
9/2004-8/2012 Pediatric pathologist and Neuropathologist, Children's Memorial Hospital/ Ann & Robert H. Lurie Children's hospital, Chicago, Illinois
7/2006-6/2012 Staff pathologist, Evanston Hospital, Northshore University Health System, Evanston, Illinois
11/1991-9/1994 Resident Physician, Department of Neurology (Nov. 1991 to Nov. 1993) Casualty Medical Officer, Department of Emergency Medicine (Nov. 1993 to Sept. 1994), Manipal Hospital, Bangalore, India.
8/1991-11/1991 Duty Medical Officer, Chinmaya Mission Hospital
5/1990-5/1991 Registrar Resident Trainee, Department of Internal Medicine, St. John's Medical College, Bangalore, India
9/1988-5/1990 Duty Medical Officer at Cambridge Nursing Home (Sept. 1988 to Dec. 1988), Santosh Nursing Home (Dec. 1988 to Feb. 1989), and Chinmaya Mission Hospital (Feb. 1989 to May 1990) Bangalore, India.

RESEARCH EXPERIENCE

2009 to date Collaboration with MD Anderson: Study of REST expression in Medulloblastomas and ependymomas.
2007 to 2012 Collaboration with NCI (project): Childhood cancer and plexiform neurofibroma tissue microarray for molecular target screening and clinical drug development
2006 to 2012 Pathology reviewer for Embryonal brain tumor studies conducted by The Pediatric Brain Tumor Consortium
2004 to 2012 Pathologist for Falk brain tumor research group at the Children's memorial research center in the study of molecular aspects of pediatric brain tumors and animal model studies.
2002-2003 Research fellow, focus on fluorescence-in situ-hybridization (FISH) techniques applied to ependymomas, meningiomas, and hemangiopericytomas, including BAC culture, DNA extraction, probe labeling, hybridization and interpretation, Lab of Dr. Arie Perry, Neuropathology Division, Washington University, St. Louis, MO.
1996-1997 Research assistant (voluntary), "*Evaluation of mycobacteria growth indicator tubes in rapid detection of multi drug resistant tuberculosis from smear positive specimens*", Lab of Dr. Bruce Hanna, Division of Microbiology, New York University Medical Center, New York.

BOARD CERTIFICATION AND MEDICAL LICENSURE

2007 Diplomate of the American Board of Pathology in Neuropathology

2005 Diplomate of the American Board of Pathology in Pediatric Pathology
2002 Diplomate of the American Board of Pathology, certified in Anatomic Pathology
1996 Educational Commission for Foreign Medical Graduates

2012 Physician full permit, Texas Medical Board
2004 Licensed Physician and Surgeon, State of Illinois
2002 Medical License, State of Indiana

HONORS AND AWARDS

Best Poster presentation award at World Congress of Nephrology, Berlin, 2003
Outstanding Teacher Award, Feinberg School of Medicine, Northwestern University, 2012.

MILITARY SERVICE

None

TEACHING EXPERIENCE

2016 to date : CNS malformations and perinatal injury lecture, Pre-clerkship Brain and Behavior course
2014 to date: Small group sessions for UTSW medical students
2012 to date: Didactic lectures and slide review conferences for pathology residents and rotating medical students at UT Southwestern, Dallas
2012 to date: Didactic lectures for Pediatric pathology and Neuropathology Fellows
2013: Neuropathology didactic lectures to neurology, neurosurgery and neuroradiology residents and fellows
2011-2012: Problem based learning session for M2 students, Feinberg School of Medicine students, Northwestern University
2010-2011: Problem based learning session for M1 students, Feinberg School of Medicine students, Northwestern University
2009-2010: Scientific Basis of Medicine, Neuropathology lectures to Feinberg School of Medicine students, Northwestern University
2007: Brain tumor didactic presentation to the Hematology/Oncology fellows.
2006 - 2012: Neuropathology lectures and teaching pathology residents at Northshore University Health System/ Evanston Hospital, Chicago, IL.
2005 - 2010: Annual lectures on developmental/ pediatric neuropathology to neurology residents, Northwestern University, Chicago, IL.
2004 - 2012 Didactic lectures and slide review conferences for pathology residents and rotating medical students at Children's Memorial Hospital, Chicago, IL
Teaching medical students and residents in pathology and other specialties during fellowship training in Surgical Pathology (2000-2001), Pediatric Pathology (2001-2002) and Neuropathology (2002-2004)

COMMITTEE SERVICE

2018- Member, Lab Utilization committee, Children's Health, Dallas
2018- Member, Laboratory Safety committee, Children's Health, Dallas
2017- : Member of Education committee, Society for Pediatric Pathology

- 2016- : Member of OR committee, Children's Medical Center, Plano, Tx
- 2014- Member, Program evaluation committee, Pediatric Pathology, UTSW
- 2014- Member, Program evaluation committee, Neuropathology, UTSW
- 2014- Member, Clinical competency committee, Pediatric Pathology and Neuropathology,
- 2014- : Member of OR committee, Children's Medical Center, Dallas, Tx
- 2014-2017: Member of bylaws committee, Society for Pediatric Pathology
- 2011-2012: Member of Medical Decision Making and Laboratory Medicine (curriculum renewal) committee, Feinberg School of Medicine
- 2010-2013: Member of Educational committee, Abstract subcommittee, Society for Pediatric Pathology
- 2008: 13th International Symposium on Pediatric Neuro-Oncology, Scientific abstract review committee (Neuropathology)
- 2005-2012: The bylaws committee, Children's Memorial Hospital, Chicago, Illinois

PROFESSIONAL AND SCIENTIFIC ACTIVITY

Membership positions

- 2008- Children's Oncology Group, Associate member (COG)
- 2007-2008 American Society of Investigative Pathology (ASIP)
- 2006-2012 Pediatric Brain Tumor Consortium (Pathology reviewer for PBTC 001 study) (PBTC)
- 2003- American Association of Neuropathologists (AANP)
- 2002- Society for Pediatric pathology (SPP)
- 1999- United States and Canadian Academy of Pathology (USCAP)
- 1997- College of American Pathologists (CAP)
- 1997-2005 American Society for Clinical Pathology (ASCP)

Editorial Service

Editorial board: Austin Journal of Clinical Pathology

Reviewer: American Journal of Surgical Pathology
 Pediatric and Developmental Pathology
 Pediatric Blood and Cancer

Adhoc reviewer: Journal of Neurooncology
 Journal of Neuropathology and Experimental Neurology

Conference moderator

2017: Moderator, AANP 93rd Annual Meeting Platform Session (Platform Session VII: CTE/Pediatric Forensic/Trauma)

RESEARCH GRANTS AND CONTRACTS

- 2004-2012: Neuropathologist: Falk brain tumor center
- 2006-2012: Neuropathology consultation services to Evanston Hospital, Northshore University Health System,
 Pediatric brain tumor pathology reviewer for Central Du Page proton therapy patients.

SCHOLARLY PRODUCTIVITY

Refereed journal articles

1. **Rajaram V**, Liapis H. Immunoglobulin A nephropathy. *Nephrol Dial Transplant* 2001;16 Suppl 6:77-79
2. Peterdy GA, Huettner PC, **Rajaram V**, Lind AC. Trichofolliculoma of the vulva associated with vulvar intraepithelial neoplasia: report of three cases and review of the literature. *Int J Gynecol Pathol* 2002; 21:224-30
3. **Rajaram V**, Leuthardt E, Singh PK, Ojemann JG, Brat DJ, Prayson RA, Perry A. 9p21 and 13q14 dosages in ependymomas. A clinicopathologic study of 101 cases. *Mod Pathol* 2004; 17:9-14
4. **Rajaram V**, Hill DA, Doherty GM, Liapis H, Dehner LP. Pleomorphic rhabdomyosarcoma of the anterior abdominal wall following treatment for carcinoma of the rectum. *International Journal of Surgical Pathology* 2004; 12:161-165
5. **Rajaram V**, Brat DJ, Perry A. Anaplastic meningioma vs. meningeal hemangiopericytoma; immunohistochemical and genetic markers. *Human Pathology* 2004; 35:1413-1418
6. Mansur DB, Perry A, **Rajaram V**, Michalski JM, Park TS, Leonard JR, Luchtman-Jones L, Rich KM, Grigsby PW, Lockett MA, Wahab SH, Simpson JR. Post-operative radiation therapy for grade II and III intracranial ependymomas. *International Journal of Radiation Oncology, Biology, Physics* 2005; 61:387-391
7. Covinsky M, Gong S, **Rajaram V**, Perry A, Pfeifer J. Frequency of EWS-ATF1 fusion transcripts in gastrointestinal tumors diagnosed as malignant melanomas. *Human Pathology* 2005; 36:74-81.
8. **Rajaram V**, Gutmann DH, Prasad SK, Mansur D, Perry A. Alterations of Protein 4.1 family members in ependymomas: a study of 84 cases. *Modern Pathology* 2005; 18: 991-997.
9. Syed S, **Rajaram V**, Leonard JR, Perry A, Raghavan R. Mixed glioneuronal tumors of the spinal cord in two children. *Acta Neuropathol. (Berl)*. 2006; 111:53-5.
10. Bridge RS, **Rajaram V**, Dehner LP, Pfeifer JD, Perry A. Molecular diagnosis of Ewings sarcoma/ primitive neuroectodermal tumor in routinely processed tissue: a comparison of two FISH strategies and RT-PCR in malignant small round cell tumors. *Mod Pathol*. 2006; 19: 1-8.
11. Das S, Muro K, Goldman S, **Rajaram V**, Dipatri AJ Jr. Medulloblastoma arising from an immature teratoma in the posterior fossa. Case report. *J. Neurosurg.* 2007; 106 (suppl1): 61-4.
12. **Rajaram V**, Knezevich S, Bove KE, Perry A, Pfeifer JD. DNA sequence of the translocation breakpoints in undifferentiated embryonal sarcoma arising in mesenchymal hamartoma of the liver harboring the t (11; 19)(q11; q13.4) translocation. *Genes, Chromosome Cancer*. 2007; 46 (5); 508-13.
13. Eisengard LJ, Chou PM, Iyer K, Cohran VC, and **Rajaram V**. Rotavirus infection in small bowel transplant : a histologic comparison with acute cellular rejection. *Pediatr Dev Pathol*. 2009; 12(2):85-88.
14. Akihida Kondo & Stewart Goldman & Elio F. Vanin & Simone T. Sredni & **Veena Rajaram** & Marcelo B. Soares & Tadanori Tomita. An experimental brainstem tumor model using in vivo bioluminescence imaging in rat. *Childs Nerv System* (Published on-line, Jan 2009)
15. Yuichi Tange & Akihida Kondo & Merrill J. Egorin & Barbara Mania-Farnell & Georgy M. Daneriallis & Hiromichi Nakazaki & Simone T. Sredni & **Veena Rajaram** & Stewart Goldman & Marcelo B. Soares & Tadanori Tomita. Interstitial continuous infusion therapy in a malignant glioma model in rats. *Childs Nerv System* (Published on-line, Feb 2009)
16. Hehuang Xie, Min Wang, Maria Bonaldo, Christina Smith, **Veena Rajaram**, Stewart Goldman, Tadanori Tomita, Marcelo Soares. High-throughput Sequence-based Epigenomic

Analysis of Alu Repeats in Human Cerebellum; Nucleic Acid Research; (Published on-line doi:10.1093/nar/gkp393)

17. Aguilera DG, Tomita T, **Rajaram V**, Fangusaro J, Katz BZ, Shulman S, Goldman S. Glioblastoma multiforme in a patient with chronic granulomatous disease treated with subtotal resection, radiation, and thalidomide: case report of a long-term survivor. *J. Pediatr Hematol Oncol.* 2009; 31(12):965-9.
18. Kondo A, Goldman S, Lulla RR, Mania-Farnell B, Vanin EF, Sredni ST, **Rajaram V**, Soares MB, Tomita T. Longitudinal assessment of regional directed delivery in a rodent malignant glioma model. *J Neurosurg Pediatr.* 2009; 4(6): 592-8
19. Sredni ST, Bonaldo Mde F, Costa FF, Huang CC, Hamm CA, **Rajaram V**, Tomita T, Goldman S, Bischof JM, Soares MB. Upregulation of mir-221 and mir-222 in atypical teratoid/rhabdoid tumors: potential therapeutic targets. *Childs Nerv Syst.* 2010; 26(3):279-83.
20. Choi J, Nordli DR Jr, Alden TD, DiPatri A Jr, Laux L, Kelley K, Rosenow J, Schuele SU, **Rajaram V**, Koh S. Cellular injury and neuroinflammation in children with chronic intractable epilepsy. *J Neuroinflammation.* 2009; 6:38.
21. Xie H, Wang M, Bonaldo Mde F, **Rajaram V**, Stellpflug W, Smith C, Arndt K, Goldman S, Tomita T, Soares MB. Epigenomic analysis of Alu repeats in human ependymomas. *Proc Natl Acad Sci USA.* 2010; 107(15): 6952-7.
22. Fangusaro J, Van Den Berghe C, Tomita T, **Rajaram V**, Aguilera D, Wang D, Goldman S. Evaluating the incidence and utility of microscopic metastatic dissemination as diagnosed by lumbar cerebrospinal fluid (CSF) samples in children with newly diagnosed intracranial ependymoma. *J Neurooncol.* 2011; Jul 103(3):693-8. (Epub ahead of print)
23. Wang M, Xie H, Stellpflug W, **Rajaram V**, de Fatima Bonaldo M, Goldman S, Tomita T, Soares MB. BTECH: a platform to integrate genomic, transcriptomic and epigenomic alterations in brain tumors. *Neuroinformatics.* 2011; 9(1): 59-67
24. Xie H, Wang M, de Andrade A, Bonaldo Mde F, Galat V, Arndt K, **Rajaram V**, Goldman S, Tomita T, Soares MB. Genome-wide qualitative assessment of variation in DNA methylation patterns. *Nucleic Acids Res.* 2011 May;39(10):4099-108. Epub 2011 Jan 28.
25. Yao-Lee A, Ryan M, **Rajaram V**. Nasal chondromesenchymal hamartoma: correlation of typical MR, CT and pathological findings. *Pediatr Radiol.* 2011; 41(5): 675-7
26. Roger E. McLendon, Adesina Adekunle, **Veena Rajaram**, Mehmet Kocak, Susan M. Blaney. Embryonal Central Nervous System Neoplasms Arising in Infants: A pediatric brain tumor consortium study. *Arch Pathol Lab Med.* 2011; Aug 135 (8):984-93.
27. Xi G, Mania-Farnell B, **Rajaram V**, Mayanil CS, Soares MB, Tomita T, Goldman S. Efficacy of interstitial continuous vincristine infusion in a bioluminescent rodent intracranial tumor model. *J Neurooncol.* 2011; Aug 14.
28. Yonji Tian, Benjamin E. Rich, Natalie Vena, Justin M. Craig, Laura E. MacConaill, **Veena Rajaram**, Stewart Goldman, Hala Taha, Madeha Mahmoud, Memet Ozek, Aydin Sav, Janina A. Longtine, Neal I. Lindeman, Levi A. Garraway, Azra H. Ligon, Charles D. Stiles, Sandro Santagata, Jennifer A. Chan, Mark W. Kieran, and Keith L. Ligon. Detection of KIAA1549-BRAF Fusion Transcripts in Formalin-Fixed Paraffin-Embedded Pediatric Low Grade Gliomas *J Mol. Diagn.* 2011;Nov 13(6):669-77.
29. Costa FF, Bischof JM, Vanin EF, Lulla RR, Wang M, Sredni ST, **Rajaram V**, Bonaldo Mde F, Wang D, Goldman S, Tomita T, Soares MB. Identification of microRNAs as potential prognostic marker in ependymoma. *PLoS One.* 2011;6(10):e25114. Epub 2011 Oct 28
30. Xi G, **Rajaram V**, Mania-Farnell B, Mayanil CS, Soares MB, Tomita T, Goldman S. Efficacy of vincristine administered via convection-enhanced delivery in a rodent brainstem tumor model documented by bioluminescence imaging. *Childs Nerv Syst.* 2012; 28 (4): 565-74. Epub 2012 Jan 27.

31. Soltanolkotabi M, Schoeneman SE, Dipatri AJ, Hurley MC, Ansari SA, **Rajaram V**, Tomita T, Shaibani A. Juvenile Pilocytic astrocytoma in association with arteriovenous malformation. *Interv Neuroradiol*. 2012; 18(2): 140-7. Epub 2012. Jun 4.
32. Das CM, Taylor P, Gireud M, Singh A, Lee D, Fuller G, Ji L, Fangusaro J, **Rajaram V**, Goldman S, Eberhart C, Gopalakrishnan V. The deubiquitinase USP37 links REST to the control of p27 stability and cell proliferation. *Oncogene*. 2013; 32:1691-701. doi: 10.1038/onc.2012.182. Epub 2012 Jun 4.
33. Taylor P, Fangusaro J, **Rajaram V**, Goldman S, Helenowski IB, MacDonald T, Hasselblatt M, Riedemann L, Laureano A, Cooper L, Gopalakrishnan V. REST is a novel prognostic factor and therapeutic target for medulloblastoma *Mol Cancer Ther*. 2012; 11(8):1713-23. Epub 2012 Jul 30
34. Khatua S, Wang J, **Rajaram V**. Review of low-grade gliomas in children – evolving molecular era and therapeutic insights. *Childs Nerv Syst*. 2015; 31(5): 643-52. doi: 10.1007/s00381-015-2653-2. Epub 2015 Feb 27.
35. Bulman JC, Ulualp SO, **Rajaram V**, Koral K. Pilomatricoma of Childhood: A Common Pathologic Diagnosis Yet a Rare Radiologic One. *AJR Am J Roentgenol*. 2016 Jan; 206(1):182-8. doi: 10.2214/AJR.15.14842
36. Georgescu MM, Mobley BC, Orr BA, Shang P, Lehman NL, Zhu X, O'Neill TJ, **Rajaram V**, Hatanpaa KJ, Timmons CF, Raisanen JM. NHERF1/EBP50 and NF2 as diagnostic markers for choroid plexus tumors. *Acta Neuropathol Commun*. 2016; 4(1):55. doi: 10.1186/s40478-016-0329-0
37. Sun MA, Sun Z, Wu X, **Rajaram V**, Keimig D, Lim J, Zhu H, Xie H. Mammalian Brain Development is Accompanied by a Dramatic Increase in Bipolar DNA Methylation. *Sci Rep*. 2016 Sep 2;6:32298. doi: 10.1038/srep32298 PMID: 20700952
38. Meletath SK, Pavlick D, Brennan T, Hamilton R, Chmielecki J, Elvin JA, Palma N, Ross JS, Miller VA, Stephens PJ, Snipes G, **Rajaram V**, Ali SM, Melguizo-Gavilanes I. Personalized Treatment for a Patient With a BRAF V600E Mutation Using Dabrafenib and a Tumor Treatment Fields Device in a High-Grade Glioma Arising From Ganglioglioma. *J Natl Compr Canc Netw*. 2016 Nov;14(11):1345-1350. PMID: 27799506
39. Guifa Xi, Yuping Derek Li, Gordan Grahovac, **Veena Rajaram**, Nitin Wadhvani, Tatiana Pundy, Barbara Mania-Farnell, Charles David James and Tadanori Tomita Targeting CD133 improves chemotherapeutic efficacy of recurrent pediatric pilocytic astrocytoma following prolonged chemotherapy. *Molecular Cancer* 2017;16:21 DOI: 10.1186/s12943-017-0593-z PMID: 28137267
40. Drobysheva A, Klesse LJ, Bowers DC, **Rajaram V**, Rakheja D, Timmons CF, Wang J, Koral K, Gargan L, Ramos E, Park JY. Targeted MAPK Pathway Inhibitors in Patients With Disseminated Pilocytic Astrocytomas. *J Natl Compr Canc Netw*. 2017 Aug; 15 (8):978-982. doi: 10.6004/jnccn.2017.0139 PMID: 28784858
41. Filatenkov A, Richardson TE, Daoud E, Johnson-Welch SF, Ramirez DM, Torrealba J, Greenberg B, Monson NL, **Rajaram V**. Persistence of parenchymal and perivascular T-cells in treatment-refractory anti-N-methyl-D-aspartate receptor encephalitis. *Neuroreport*. 2017 Sep 27;28(14):890-895. doi: 10.1097/WNR.0000000000000851. PMID: 28777260 PMID: PMC5578877
42. Shimada IS, Hwang SH, Somatilaka BN, Wang X, Skowron P, Kim J, Kim M, Shelton JM, **Rajaram V**, Xuan Z, Taylor MD, Mukhopadhyay S. Basal Suppression of the Sonic Hedgehog Pathway by the G-Protein-Coupled Receptor Gpr161 Restricts Medulloblastoma Pathogenesis.

- Cell Rep. 2018;22(5):1169-1184. doi: 10.1016/j.celrep.2018.01.018 PMID: 29386106 PMCID: PMC5813698
43. Shaik S, Kennis B, Maegawa S, Schadler K, Yanwen Y, Callegari K, Lulla RR, Goldman S, Nazarian J, **Rajaram V**, Fangusaro J, Gopalakrishnan V. REST upregulates gremlin to modulate diffuse intrinsic pontine glioma vasculature. *Oncotarget*. 2017; 9(4):5233-5250. PMID: 29435175 PMCID: PMC5797046 DOI: 10.18632/oncotarget.23750
44. Daoud EV, **Rajaram V**, Cai C, Oberle RJ, Martin GR, Raisanen JM, White CL 3rd, Foong C, Mickey BE, Pan E, Hatanpaa KJ. Adult Brainstem Gliomas With H3K27M Mutation: Radiology, Pathology, and Prognosis. *J Neuropathol Exp Neurol*. 2018 Apr 1;77(4):302-311. PMID: 29444279 DOI: 10.1093/jnen/nly006
45. Rudzinski ER, Lockwood CM, Stohr BA, Vargas SO, Sheridan R, Black JO, **Rajaram V**, Laetsch TW, Davis JL Pan-Trk Immunohistochemistry Identifies NTRK Rearrangements in Pediatric Mesenchymal Tumors. *Am J Surg Pathol*. 2018 Jul;42(7):927-935. PMID: 29683818 DOI: 10.1097/PAS.0000000000001062
46. Dhar SS, Zhao D, Lin T, Gu B, Pal K, Wu SJ, Alam H, Lv J, Yun K, Gopalakrishnan V, Flores ER, Northcott PA, **Rajaram V**, Li W, Shilatifard A, Sillitoe RV, Chen K, Lee MG. MLL4 Is Required to Maintain Broad H3K4me3 Peaks and Super-Enhancers at Tumor Suppressor Genes. *Mol Cell*. 2018 Jun 7;70(5):825-841 PMID: 29861161 DOI: 10.1016/j.molcel.2018.04.028
47. Dobson THW, Tao RH1, Swaminathan J, Maegawa S, Shaik S, Bravo-Alegria J, Sharma A1, Kennis B, Yang Y, Callegari K, Haltom AR, Taylor P, Kogiso M, Qi L, Khatua S, Goldman S, Lulla RR, Fangusaro J, MacDonald TJ, Li XN, Hawkins C, **Rajaram V**, Gopalakrishnan V. Transcriptional repressor REST drives lineage stage-specific chromatin compaction at Ptch1 and increases AKT activation in a mouse model of medulloblastoma. *Sci Signal*. 2019 Jan 22;12(565). pii: ean8680. PMID: 30670636 doi: 10.1126/scisignal.aan8680.

Books and book chapters

1. **Rajaram V**. Brain and Spinal Cord. Color atlas of fetal and neonatal histology. Ernst LM, Ruchelli ED, Huff D (editors). Springer (Aug 2011).
2. **Rajaram V**. Cytopathology of the central nervous system. Diagnostic Pediatric Cytopathology and Histopathologic Correlation. Edited by Pauline Chou, Paolo Gattuso, Vijaya Reddy and Miguel Reyes-Mugica. Cambridge University Press, 2016.
3. **Veena Rajaram** and Korgun Koral. Malformations. Neuropathologic and Neuroradiologic correlations. A differential diagnostic text and atlas. Murat Gokden and Manoj Kumar. Cambridge University Press, 2017.
4. Raghu H. Ramakrishnaiah, **Veena Rajaram** and Charles M. Glasier. Cerebellum and Brainstem mass lesions. Neuropathologic and Neuroradiologic correlations. A differential diagnostic text and atlas. Murat Gokden and Manoj Kumar. Cambridge University Press, 2017.

Abstracts and Presentations

1. **Rajaram V** and Dehner LP. Pulmonary hyalinizing granuloma. Interesting case presentation, (Platform presentation, 2001, Society for Pediatric Pathology, Snowmass, Colorado)

2. **Rajaram V**, Leuthardt E, Singh PK, Ojemann JG and Perry A. Lack of prognostic significance for 9p21 and 13q14 deletions in ependymomas by Fluorescence in-situ hybridization. *Mod Pathol* 2002; 15(1):302A (Platform presentation, 2002, Annual Meeting of United States and Canadian Academy of Pathology, Chicago, Illinois)
3. Mansur DB, Michalski JM, Ojemann JG, Park TS, Luchtman-Jones L, Rich KM, Grisby PW, Wahab SH, Lockett M, Perry A, **Rajaram V**, Simpson JR. Long-Term results of surgery and post-operative radiation therapy in the curative management of intracranial ependymoma. *Int J Radiat Oncol Biol Phys* 2002; 54:204-5
4. **Rajaram V** and Perry A. Immunohistochemical and FISH markers for anaplastic meningioma vs. meningeal hemangiopericytoma. *Mod Pathol* 2003; 16(1) :293A (Platform presentation, 2003, Annual Meeting of United States and Canadian Academy of Pathology, Washington D.C)
5. **Rajaram V**, Gutmann DH, Prasad SK, Mansur D, Perry A. Deletion testing of protein 4.1 family members by fluorescence in-situ hybridization (FISH) in ependymomas. *Journal of neuropathology and experimental neurology* 2003; 62(5). (Platform presentation, 2003, American Association of Neuropathologists. Orlando, Florida)
6. Liapis H, **Rajaram V**, Beck A and Brennan D. C4d expression in pediatric renal transplant biopsies. *Nephrol Dial Transpl.* 2003; 18(S4): 281. (Poster presentation, 2003, **Best Poster presentation award** at World Congress of Nephrology, Berlin)
7. Covinsky M, Gong S, **Rajaram V**, Perry A, Pfeifer J. Frequency of EWS-ATF1 fusion transcripts in gastrointestinal tumors diagnosed as malignant melanomas. *Modern Pathology* 2004; 17(S1): 113A (Poster presentation, 2004, Annual Meeting of United States and Canadian Academy of Pathology, Vancouver, Canada)
8. **Rajaram V**, Tu PH, Schmidt R and Perry A. Adenovirus encephalitis. (Platform presentation, 2004, Diagnostic slide session, American Association of Neuropathologists. Cleveland, Ohio)
9. Syed S, **Rajaram V**, Perry A, Raghavan R. Spinal cord glioneuronal tumor with syringomyelia. (Poster presentation, 2004, American Association of Neuropathologists. Cleveland, Ohio)
10. **Rajaram V**, Bridge RS, Pfeifer JD and Perry A. FISH as an ancillary diagnostic tool for the diagnosis of Ewing's sarcoma/PNET in routinely processed tissue. *Modern Pathology* 2005; 18(S1): 21A (Poster presentation, 2005, United States and Canadian Academy of Pathology, San Antonio, Texas)
11. **Rajaram V**, Alden T, Chou PM. Encephalocele with giant cell fibroblastoma like lesion. *Journal of neuropathology and experimental neurology* 2005;64 (5): 445. (Poster presentation, 2005, American Association of Neuropathologists. Arlington, Virginia)
12. V. Sadanand, A. DiPatri, **V. Rajaram**, W. Stepflug, J. Ito, T. Tomita. Outcomes with Pediatric Posterior Fossa Ependymoma: A Report of 26-Year Experience at One Center. (poster presentation, 2006, North American Skull Base Society. Phoenix, Arizona)
13. D. George, T. Tomita, **V. Rajaram**, J. Monroe, K. Dulek, C. McCabe and E. Bremer. Identification of Olig 1 and Olig 2 as markers for Juvenile Pilocytic Astrocytomas. (Poster presentation, 2006, 12th International symposium of neuro-oncology. Nara, Japan)
14. **Veena Rajaram** and Pauline Chou. Dura based unclassified histiocytic tumors in the pediatric age group. (Poster presentation, 2006, 22nd Annual Histiocyte Society meeting, Buenos Aires, Argentina)
15. Eisengart L, Chou PM, Iyer K and **Rajaram V**. Rotaviral infection in small bowel transplant: A histologic study. *Pediatric and Developmental Pathology* 2007; 10(1): 81. (Poster presentation, 2006, Society of Pediatric Pathology Interim meeting, Columbus, Ohio)

16. M. Wang, H. Xie, J. Bischof, M.F. Bonaldo, C. McCabe, W. Stellpflug, **V. Rajaram**, S. Goldman, T. Tomita, M.B. Soares. A Platform to Facilitate Integration of Genomic, Transcriptomic and Epigenomic Alterations in Brain Tumors. (Poster presentation, 2007, AACR Special Conference: Oncogenomics 2007. Phoenix, Arizona)
17. J. Choi, T. Alden, A. DiPatri Jr, L. Laux, D. Nordli Jr, K. Kelley, **V. Rajaram**, S. Koh. Cell death and Glial Activation in the surgically resected cortices of children with chronic intractable epilepsy. (Poster presentation, 2007, 61st Annual meeting American Epilepsy Society, Philadelphia)
18. **Veena Rajaram** and Pauline Chou. Leptomeningeal melanosis: A true pediatric pathology/cytology challenge. (Poster presentation, 2008, Experimental biology/ American Association of Neuropathologists. San Diego, California)
19. Fabricio F. Costa, Simone Sredni, Maria De Fatima Bonaldo, **Veena Rajaram**, Chris D. McCabe, Tadanori Tomita, Stewart Goldman, Pauline Chou, and Marcelo B. Soares. Study of the expression pattern from 365 micro-RNAs: A comparison between formalin-fixed, paraffin-embedded and frozen tissue. (Poster presentation, 2008, 13th International Symposium on pediatric Neuro-oncology, Chicago, IL)
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21. **Veena Rajaram**, Nicholas Slimack and Arthur Dipatri. Case report: Germinoma presenting as granulomatous inflammation in the pineal gland. (Poster presentation, 2008, 13th International Symposium on pediatric Neuro-oncology, Chicago, Illinois)
22. Stewart Goldman, Robin Bowman, Wendy Stellpflug, Tara Goei, and **Veena Rajaram**. Case report: Papillary meningioma (PM) presenting as a loss of milestones in a toddler (Platform presentation, 2008, 13th International Symposium on pediatric Neuro-oncology, Chicago, Illinois)
23. Hehuang Xie, Maria De Fatima Bonaldo, Min Wang, **Veena Rajaram**, Chris D. McCabe, Wendy Stellpflug, Stewart Goldman, Tadanori Tomita, and Marcelo Bento Soares. Monitoring epigenomic alterations in ependymomas. *Neuro Oncol.* 10(3): 408 (Poster presentation, 2008, 13th International Symposium on pediatric Neuro-oncology, Chicago, Illinois)
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26. M. Wang, H. Xie, W. Stellpflug, J. Bischof, M.F. Bonaldo, **V. Rajaram**, S. Goldman, T. Tomita, M.B. Soares. (2008) The integration of “omics” data on brain tumors. *Neuro Oncol.* 10(3): 390.
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28. S Bishu, BD Bolton, **V Rajaram**, PM Chou. Malignant Rhabdoid Tumors: A 12 Year Experience. *Modern Pathology* 2009; 22 (S1): 345A (Poster presentation, 2009, United States and Canadian Academy of Pathology, Boston, Massachusetts)
29. Simone T. Sredni, Fabrício F. Costa, Christopher Hamm, Chiang-Ching Huang, Maria de Fátima Bonaldo, Jared Bischof, Tadanori Tomita, Stewart, Goldman, **Veena Rajaram** and

- Marcelo B. Soares. Regulation of the Cell-cycle Inhibitor P27kip1 by Mir-221 and Mir-222 in Pediatric Brain Tumors. Society for Pediatric Pathology, Boston, Massachusetts
30. Fabricio F. Costa, Jared M. Bischof, Min Wang, Simone Sredni, **Veena Rajaram**, Hehuang Xie, Tadanori Tomita, Stewart Goldman Sr., Maria De Fatima Bonaldo, Marcelo B. Soares. MicroRNA expression profiles in ependymoma; American Association of Cancer Research 100th Annual meeting, April 19-22, 2009, Denver, Colorado.
 31. Olga Lakiza, **Veena Rajaram**, Jasmine Otkins, Hehai Wang, Dave Walterhouse, Phil Iannaccone. Sertoli-Leydig cell-like tumors and impaired oogenesis in Quaking heterozygous knockout mice; American Association of Cancer Research 100th Annual meeting, April 19-22, 2009, Denver, Colorado.
 32. **Veena Rajaram**, Jeffrey Golden. Primary aplasia/agenesis of granular neurons: A case report. *J Neuropathol Exp Neurol* 2009; 68, 577 (Poster presentation, 2009; American Association of Neuropathologists. San Antonio, Texas)
 33. **Veena Rajaram**, Dolly Aguilera and Stewart Goldman. Congenital/ Pediatric glioblastoma multiforme or Primitive neuroectodermal tumor. *J Neuropathol Exp Neurol* 2009; 68, 582 (Poster presentation, 2009; American Association of Neuropathologists. San Antonio, Texas)
 34. Dolly Aguilera, Stewart Goldman and **Veena Rajaram**. ATRT: Importance of BAF47 and therapeutic update. *J Neuropathol Exp Neurol* 2009; 68, 567 (Platform presentation, 2009; American Association of Neuropathologists. San Antonio, Texas)
 35. Bryan Schmitt, **Veena Rajaram**, Mark Dieterich. Adult type gangliosidosis diagnosed at autopsy, *Arch Pathol Lab Med* 2009; 133, 1672 (Poster presentation, 2009; College of American Pathologists. National Harbor, Maryland)
 36. Hehuang Xie, Min Wang, Maria de F. Bonaldo, **Veena Rajaram**, Wendy Stellpflug, Christina Smith, Kelly Arndt, Stewart Goldman, Tadanori Tomita, Marcelo B. Soares. Epigenomic analysis of Alu repeats in human Ependymomas; American Association of Cancer Research 101st Annual meeting, April 17-21, 2010, Washington DC.
 37. Aparna Mahajan, Tiffany Thurow, **Veena Rajaram**. Clinicopathologic study of an unusual bilateral middle ear tumor in an infant, *Arch Pathol Lab Med* 2010; 134, 1381 (Poster presentation, 2010; College of American Pathologists, Chicago, Illinois).
 38. Elaine M. Cham, Steven Dubner, **Veena Rajaram**. Immunohistochemical p75NTR expression pattern in low grade glioneuronal tumors, *Arch Pathol Lab Med* 2010; 134, 1363 (Poster presentation, 2010; College of American Pathologists, Chicago, Illinois).
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 40. Rajen Goyal, Reema Jaffar, **Veena Rajaram**, Pauline M. Chou. Pitfalls of fine-needle aspiration biopsy in spindle cell lesions: Two case reports. *Arch Pathol Lab med* 2011; 135, 1196 (Poster presentation, 2011; College of American Pathologists, Grapevine, Texas).
 41. Reema Jaffar, **Veena Rajaram**. Thymic foregut cyst with aberrant pancreatic tissue in a 9-year old girl. *Arch Pathol Lab med* 2011; 135, 1208 (Poster presentation, 2011; College of American Pathologists, Grapevine, Texas).
 42. **Veena Rajaram**, Crey Bregman, Wendy Stellpflug, Tomita Tadanori, Jason Fangusaro. Oncocytic ependymoma: A case report. *J Neuropathol Exp Neurol* 2012; 71, 570 (Poster presentation, 2012; American Association of Neuropathologists. Chicago, Illinois)
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44. **Veena Rajaram**, Nitin Wadhvani, Pauline Chou. Primary Malignant Melanoma of the Central Nervous System in children mimicking Vascular Malformation. *J Neuropathol Exp Neurol* 2013; 72, 594 (Poster presentation, 2013; American Association of Neuropathologists, Charleston, South Carolina)
45. **Veena Rajaram**, Zin War Myint, Pauline M. Chou, Nitin Wadhvani Meningioangiomas Following Radiation Treatment: Secondary Meningioangiomas? *J Neuropathol Exp Neurol* 2013; 72, 596 (Poster presentation, 2013; American Association of Neuropathologists, Charleston, South Carolina)
46. SH Stuart, KS Chen, Y Lin, AA Shukla, TL Slone, JE Wickiser, J Wang, **V Rajaram**, JT Mendell, JF Amatruda, D Rakheja. Distinct Somatic *DICER1* mutations in different tumors arising in a child with a germline *DICER1* mutation. *Pediatr Dev Pathol* 2014; 17, 138 (Platform presentation, 2014; SPP Spring meeting SanDiego, California)
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48. **Veena Rajaram**, Esther Bit-Ivan, Russell Fetzer, Jason Wang, Naseem Uddin. Toddler with microcephaly and basal ganglia calcifications: ? Aicardi-Goutieres syndrome. *J Neuropathol Exp Neurol* 2014; 73, 623 (Poster presentation 2014; American Association of Neuropathologists, Portland, Oregon)
49. Rebecca J. Collins, Sandy Cope-Yokoyama, **Veena Rajaram**, Dinesh Rakheja, and Hung S. Luu. Comparison of Intraoperative Interpretations in Pathology Reports and Operative Reports in a Large Pediatric Institution. (Platform presentation) 60th PPS and SPP meeting, Birmingham UK.
50. M Firan, **V. Rajaram**, JY Park, N Uddin, M Mitui, D Rakheja, J Wang. Characterization of CPAM Type I with mucinous adenocarcinoma *in-situ* by Next-Generation Sequencing. *Pediatr Dev Pathol* 2015; 18:172 (Poster presentation 2015; SPP Spring meeting Boston, MA) doi: <http://dx.doi.org/10.2350/14-12-1591-BR.1>
51. **Veena Rajaram**, Jack Raisanen, Dinesh Rakheja. Phospho-S6 ribosomal protein expression in Atypical teratoid/rhabdoid tumors. *J Neuropathol Exp Neurol* 2015; 74, 609 (Poster presentation 2015; American Association of Neuropathologists, Denver, Colorado)
52. Maria-Magdalena Georgescu, Bret Mobley, Ping Shang, Charles White 3rd, Kimmo Hatanpaa, **Veena Rajaram**, Jack Raisanen. NHERF1/EBP50 and NF2 emerge as new markers for the differential diagnosis of choroid plexus tumors. *J Neuropathol Exp Neurol* 2015; 74, 623 (Poster presentation 2015; American Association of Neuropathologists, Denver, Colorado)
53. Bret Evers, Anita Sengupta, **Veena Rajaram**. Neuropathology of Jeune Syndrome: a case report. *J Neuropathol Exp Neurol* 2015; 74, 633 (Poster presentation 2015; American Association of Neuropathologists, Denver, Colorado)
54. **Veena Rajaram**. Interesting Neuropathology Tumor Cases, International Pediatric Pathology CME 2015, Grant Government Medical College & Sir J.J. Group of Hospitals, Mumbai, India
55. **Veena Rajaram**. CNS malformations, International Pediatric Pathology CME 2015, Grant Government Medical College & Sir J.J. Group of Hospitals, Mumbai, India
56. **Veena Rajaram**. Surgical Pathology in epilepsy, Indo-Global Healthcare Summit & Expo 2015 Innovations and Advances, Hyderabad, India
59. **Veena Rajaram**. Molecular subtyping of pediatric brain tumors, Indo-Global Healthcare Summit & Expo 2015 Innovations and Advances, Hyderabad, India
60. **Veena Rajaram**. Practical neuropathology, Interdisciplinary approach to Paediatric disorders with focus on pathology and radiology (One day CME). Hyderabad, India

61. **Veena Rajaram**. Molecular subtyping of pediatric brain tumors, Interdisciplinary approach to Paediatric disorders with focus on pathology and radiology (One day CME). Hyderabad, India
62. Tara Dobson, Rong-Hua Tao, Shavali Shaik, Pete Taylor, Rashieda Hatcher, Ellen Busschers, Soumen Khatua, Stewart Goldman, Rishi Lulla, **Veena Rajaram**, Tobey MacDonald, Jason Fangusaro, and Vidya Gopalakrishnan. Dissecting the Role of Epigenetic Modulators in Shh-driven Medulloblastoma (Poster presentation 2015; Society for Neuro-oncology 20th Annual meeting, San Antonio, Tx)
63. Silviya K Meletath, Dean Pavlick, George Snipes, **Veena Rajaram**, Tim Brennan, Roy Hamilton, Juliann Chmielecki, Julia A. Elvin, Norma Palma, Jeffrey S. Ross, Vincent A. Miller, Philip J. Stephens, Barbara Beiss, Siraj M Ali, Isaac Melguizo-Gavilanes. Personalized treatment for a patient with a BRAF V600E-mutation using dabrafenib and Tumor Treatment Fields (TTFIELDS; NovoTTF -100A) device in a glioblastoma arising from ganglioglioma. (Poster presentation 2016; American Academy of Neurology 68th Annual meeting, Vancouver, BC, Canada)
64. Issei Shimada, Somatilaka Bandarigoda, John Shelton, Zhenyu Xuan, **Veena Rajaram**, Saikat Mukhopadhyay. Global upregulation of ribosomal protein gene pathway in normal Cerebellar progenitor development and in pathogenesis of sonic hedgehog subtype Medulloblastomas. (Poster American Association for Cancer Research 2016 Annual meeting, New Orleans, Louisiana)
65. R Tao, T Dobson, S Shaik, P Taylor, R Hatcher, W Brugmann, E Busschers, B Kennis, S Khatua, R Lulla, S Goldman, T MacDonald, C Hawkins, **V Rajaram**, J Fangusaro and V Gopalakrishnan. REST elevation unrestrains Shh signaling in medulloblastoma (International Symposium on Pediatric Neuro-oncology 2016 , Liverpool, England) Neuro Oncol (2016) 18 (suppl_3): iii121. DOI: <https://doi.org/10.1093/neuonc/now076.102>
66. WB Brugmann, A Laureano, R Hatcher, BA Kennis, S Khatua, W. Zaky, G Sbardella, J Moyes, S Goldman, R Lulla, J Fangusaro, D Sandberg, L Silla, **V Rajaram**, C Hawkins, A Huang, LNJ Cooper, DA Lee and V Gopalakrishnan. Identification of Molecular Mechanisms of NK Resistance in Pediatric Posterior Fossa Tumors (International Symposium on Pediatric Neuro-oncology 2016 , Liverpool, England) Neuro Oncol (2016) 18 (suppl_3): iii170. DOI: <https://doi.org/10.1093/neuonc/now084.05>
67. Amanda Tchakarov; Rebecca Collins; Jamie Walker; Anita Sengupta; **Veena Rajaram**. Novel Brain Findings in Osteogenesis Imperfecta Patient with Previously Unreported COL1A2 Mutation. J Neuropathol Exp Neurol 2016; 75, 614 (Poster presentation 2016; American Association of Neuropathologists, Baltimore, MD)
68. **Veena Rajaram** Update on pediatric CNS tumors, St. John's-AIPNA International Pediatric Pathology Conference 2016, St. John's Medical College, Bangalore, India
69. **Veena Rajaram** CNS malformations, St. John's-AIPNA International Pediatric Pathology Conference 2016, St. John's Medical College, Bangalore, India
70. **Veena Rajaram** and S. Ranganathan Slide seminar : Bone & Soft tissue tumors, St. John's-AIPNA International Pediatric Pathology Conference 2016, St. John's Medical College, Bangalore, India
71. Irene Scheimberg, Anita Gupta, **Veena Rajaram**. Slide seminar: Lung lesions A pathologist's dilemma. St. John's-AIPNA International Pediatric Pathology Conference 2016, St. John's Medical College, Bangalore, India
72. Anastasia Drobysheva, Laura J. Klesse, Daniel C. Bowers, **Veena Rajaram**, Dinesh Rakheja, Charles F. Timmons, Jason Wang, Korgun Koral, Erica Ramos, Jason Y. Park. Response to Targeted Therapy with Mitogen-Activated Protein Kinase Pathway Inhibitors in Pediatric Disseminated Pilocytic Astrocytomas (Platform presentation 2016; SPP Fall meeting, Honolulu, Hawaii)

73. Issei Shimada, Somatilaka Bandarigoda, John Shelton, Zhenyu Xuan, **Veena Rajaram** and Saikat Mukhopadhyay. Global upregulation of ribosomal protein gene pathway in normal cerebellar progenitor development and in pathogenesis of sonic hedgehog subtype medulloblastomas. AACR Special Conference on Translational Control of Cancer: A New Frontier in Cancer Biology and Therapy; October 27-30, 2016; San Francisco, CA DOI: 10.1158/1538-7445.Transcontrol16-B43 Published March 2017
74. A Drobysheva, R Collins, J Wang, N Uddin, A Sengupta, S Johnson-Welch, D Rakheja, **V Rajaram**, C Timmons Pathologic Spectrum of Pediatric Orbital Soft Tissue Masses: A Retrospective Review of 315 cases Platform presentation
http://spponline.org/files/galleries/2017_SPP_Spring_Program.pdf
75. J Kasten, P Thankavel, A Sengupta, **V Rajaram**, D Rakheja, C Timmons, B Das. Left Ventricular Assist Device (LVAD) Placement Facilitates Histologic Recovery of the Pediatric Dilated Cardiomyopathy Heart by Apparent Cardiac Stem Cell Recruitment Platform presentation
http://spponline.org/files/galleries/2017_SPP_Spring_Program.pdf
76. Elena Daoud, **Veena Rajaram**, Chunyu Cai, Robert Oberle, Gregory Martin, Kevin King, Bruce Mickey, Jack Raisanen, Kimmo Hatanpaa Adult Brainstem Gliomas with H3 K27M Mutation: Radiology, Pathology, and Prognosis . (Poster presentation 2017; American Association of Neuropathologists, Orange County, CA)
<https://academic.oup.com/jnen/article/76/6/491/3832872/American-Association-of-Neuropathologists-Inc>
77. Natalie Ellington, **Veena Rajaram**, Charles Timmons. Vanishing white matter disease: an autopsy case report (Poster presentation 2017; American Association of Neuropathologists, Orange County, CA) <https://academic.oup.com/jnen/article/76/6/491/3832872/American-Association-of-Neuropathologists-Inc>
78. Issei Shimada, Somatilaka Bandarigoda, John Shelton, Zhenyu Xuan, **Veena Rajaram**, and Saikat Mukhopadhyay . Global upregulation of ribosomal protein gene pathway in normal cerebellar progenitor development and in pathogenesis of sonic hedgehog subtype medulloblastomas AACR 2018.
http://cancerres.aacrjournals.org/content/77/6_Supplement/B43.short
79. Shavali Shaik, Bridget Kennis, Shinji Maegawa, Keri Schadler, Yang Yanwen, Keri Callegari, Rishi R Lulla, Stewart Goldman, Javad Nazarian, **Veena Rajaram**, Jason Fangusaro & Vidya Gopalakrishnan. REST modulates neovasculature via regulation of gremlin expression in diffuse intrinsic pontine glioma. ISPNO 2018 <https://ispno.conference-services.net/reports/template/onetextabstract.xml?xsl=template/onetextabstract.xsl&conferenceID=5352&abstractID=1079140>
80. Rong-Hua Tao, Tara H.W. Dobson, Shinji Maegawa, Jyothismathi Swaminathan, Shavali Shaik, Pete Taylor, Bridget Kennis, Lin Qi, Soumen Khatua, Stewart Goldman, Rishi R. Lulla, Jason Fangusaro, Tobey J. MacDonald, Xiao-Nan Li, Cynthia Hawkins, **Veena Rajaram**, and Vidya Gopalakrishnan. Repressive chromatin remodelers in SHH-driven medulloblastoma ISPNO 2018
https://academic.oup.com/neuro-oncology/article-abstract/20/suppl_2/i141/5000841
81. **Veena Rajaram** Tissue triaging and intraoperative diagnosis of pediatric brain tumors. 3rd International Pediatric Pathology CME 2019, Tata medical center, Kolkata, India
82. **Veena Rajaram** Developmental neuropathology. 3rd International Pediatric Pathology CME 2019, Tata medical center, Kolkata, India

Invited lectures, symposia, visiting professorship

Invited speaker

2019 3rd International Pediatric Pathology CME 2019, Tata medical center, Kolkata, India

2016 St. John's – AIPNA International Pediatric Pathology Conference 2016, St. John's Medical College, Bangalore, India
2015 International Pediatric Pathology CME 2015, Grant Government Medical College & Sir J.J. Group of Hospitals, Mumbai, India
2015 Indo-Global Healthcare Summit & Expo 2015 Innovations and Advances, Hyderabad, India
2015 Interdisciplinary approach to Paediatric disorders with focus on pathology and radiology (One day CME). Hyderabad, India

Symposium

2013 Pediatric and Perinatal pathology-Review and update, Children's Medical Center, Dallas, Tx

Invited lectures:

2012 Visiting Professor Lecture and slide session, Rush University Health System, Chicago, IL
2012 Neurosurgery Academic Day Symposia, CMRC, Chicago, IL.
2011 Clinical Pathology Seminar talk and slide session, Children's Hospital of Philadelphia
2007 Neurosurgery Academic Day Symposia, CMRC, Chicago, IL.
2006 Grand Rounds, Department of Pathology, Children's Memorial Hospital, Chicago, IL