

Reuben Antony, M.D.

Philosophy of Care	In the last decade we have gained many new and exciting insights into the mechanistic basis of childhood CNS malignancies. Everyday I aim to provide compassionate and cutting edge care to the children and families who have placed their trust in us.
Clinical Interests	Dr. Antony offers care to children with tumors of the Central Nervous System and to children with Cancer Predisposition Syndromes.
Research/Academic Interests	Dr. Antony's research and academic interest is drug development in Neuro-oncology and Neurofibromatosis Type 1.
Title	Associate Professor, Division of Clinical Pediatrics
Specialty	Pediatric Hematology/Oncology, Neuro-oncology, Cancer
Department	Pediatrics
Division	Pediatric Hematology/Oncology
Center/Program Affiliation	UC Davis Children's Hospital
Address/Phone	UC Davis Comprehensive Cancer Center, 2279 45th Street Sacramento, CA 95817 **Phone:** 916-734-5959
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Education	M.B.B.S., St. Johns Medical College, Bangalore, India 1996
Residency	Pediatrics, New York Medical College, New York NY 2006-2008
Fellowships	Pediatric Hematology and Oncology, Children's Hospital of Los Angeles, Los Angeles CA 2008-2011 Pediatric Hematology and Oncology, Great Ormond Street Hospital for Sick Children, London, UK 2001-2003 Pediatric Hematology and Oncology, Hospital for Sick Children, Toronto, Ontario, Canada 2005-2006
Board Certifications	American Board of Pediatrics American Board of Pediatrics, Pediatric Hematology-Oncology Royal College of Physicians (UK) - Pediatrics

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Professional Memberships

Children's Oncology Group
Children's Cancer and Leukemia Group (UK)
Royal College of Physicians (UK)
Society of Neuro-Oncology

Honors and Awards

Pediatric Subspecialty Teaching Award Nominee (one of five nominated pediatricians), 2016
Outstanding Pediatric Faculty (Clinical, Academic, Research) nominee (one of five nominated), 2015
Pediatric Subspecialty Teaching Award Nominee (one of five nominated pediatricians), 2015
Best Teacher Award (Dept. of Pediatrics), University of Illinois College of Medicine (UICOMP), 2014

Select Recent Publications

Partap S, Plant A, Pruthi S, Reynolds R, Ruggieri P, Stearns D, Storm P, Wang A, Warren K, Whipple N, Zaky W, McMillian NR, Pluchino LA. Pediatric Central Nervous System Cancers, Version 2.2023, NCCN Clinical Practice Guidelines in Oncology. J Natl Compr Canc Netw. 2022 Dec;20(12):1339-1362. doi:10.6004/jnccn.2022.0062. PMID:36509072.

Khan S, Solano-Paez P, Suwal T, Lu M, Al-Karmi S, Ho B, Mumal I, Shago M, Hoffman LM, Dodgshun A, Nobusawa S, Tabori U, Bartels U, Ziegler DS, Hansford JR, Ramaswamy V, Hawkins C, Dufour C, André N, Bouffet E, Huang A; Rare Brain Tumor Registry. Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study. Lancet Child Adolesc Health. 2021 Nov;5(11):800-813. doi:10.1016/S2352-4642(21)00245-5. Epub 2021 Sep 30. PMID:34599879.

Speckhart BA, Bugaieski E, Antony R, Fernandez KS. Rituximab and intense chemotherapy in a patient with defective cell mediated immunity due to cartilage-hair hypoplasia and Burkitt lymphoma. Pediatr Blood Cancer. 2020 Jul;67(7):e28259. doi:10.1002/pbc.28259. Epub 2020 May 13. PMID:32400949.

Mondal G, Lee JC, Ravindranathan A, Villanueva-Meyer JE, Tran QT, Allen SJ, Barreto J, Gupta R, Doo P, Van Ziffle J, Onodera C, Devine P, Grenert JP, Samuel D, Li R, Metrock LK, Jin LW, Antony R, Alashari M, Cheshier S, Whipple NS, Bruggers C, Raffel C, Gupta N, Kline CN, Reddy A, Banerjee A, Hall MD, Mehta MP, Khatib Z, Maher OM, Brathwaite C, Pekmezci M, Phillips JJ,



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Bollen AW, Tihan T, Lucas JT Jr, Broniscer A, Berger MS, Perry A, Orr BA, Solomon DA. Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. Acta Neuropathol. 2020 Jun;139(6): 1071-1088. doi:10.1007/s00401-020-02155-5. Epub 2020 Apr 17. PMID:32303840.

Goodarzi A, Garza N, Lechpammer M, Anthony R, Zwienenberg M. The molecular oncology of bilateral high-grade thalamic astrocytomas in children. Childs Nerv Syst. 2019 Nov;35(11):2047-2054. doi:10.1007/s00381-019-04372-0. Epub 2019 Sep 14. PMID:31522255.

Fernández KS, Antony R, Kumar A. Patients with 'ALPS-like phenotype' diagnosed with immune dysregulation due to LRBA deficiency. Pediatr Blood Cancer. 2019 Mar;66(3):e27558. doi:10.1002 /pbc.27558. Epub 2018 Nov 26. PMID:30479033.

Fernández KS, Antony R. Overview of Malignant Solid Tumors: Neonates. Int J Pediatr Neonat Care. 2019;4:147. doi:10.15344/2455-2364/2019/147.

McCarthy LC, Fernandez KS, Antony R. Challenges in the Diagnosis and Management of Pediatric Hemophagocytic Lymphohistiocytosis. Clin Pediatr (Phila). 2018 Aug;57(9):1107-1113. doi: 10.1177/0009922817735997. Epub 2017 Oct 24. PMID:29064275.

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