

## **Upadhyay, Kirtikumar**

Dr. Kirtikumar Upadhyay MD is an Assistant Professor in Department of Pediatrics at University of Tennessee Health Science Center in Memphis, TN. He graduated from one of the premier medical school in India, B. J. Medical College, Ahmedabad. Subsequently he completed pediatric residency training at Sheth K.M. School of PG & Research, India and at Flushing Hospital Medical Center, NY, which then led him to UTHSC in Memphis, TN for sub-specialty training in Neonatal Perinatal Medicine. He was board certified in Pediatrics by American Board of Pediatrics in 2011 and in Neonatal Perinatal Medicine in 2014.

Dr. Upadhyay's research is focused on host-pathogen interaction and immune responses during Group B Streptococcal infections. After development of a novel mouse model of GBS sepsis, he studied and concluded that the combination of ampicillin and azithromycin improves outcomes in GBS sepsis compared to ampicillin alone. He also studied the role of PKD1 (protein kinase D1) in inflammation secondary to GBS sepsis. He is a recipient of many awards such as finalist for Young Investigator award in Basic Science at Southern Society of Pediatric Research, New Orleans and PIDS Blue Ribbon Award at Pediatric Academic Society meeting in Vancouver, BC.

Dr. Upadhyay serves on various regional and national committees of SPR and AAP. He is a reviewer of journals, abstracts and posters in national meetings. Dr. Upadhyay also provides clinical services in NICU at Le Bonheur Children Hospital and Regional One Health in Memphis TN.