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Binoy Shivanna, MD, DM, PhD, is a physician-scientist and Associate Professor of Pediatrics in the Neonatology Division at Texas Children's Hospital and Baylor College of Medicine. He serves as a Co-Director of Neonatology Research Program and the Director of Perinatal Pulmonary Vascular Biology Program at Baylor's Neonatology Division. Binoy obtained his medical degree from India and completed Pediatric Residency in India and the United States and Neonatology Fellowship in India, Australia, and the United States. Subsequently, he obtained his PhD degree from Baylor College of Medicine. Binoy's research focuses on elucidating the mechanisms of bronchopulmonary dysplasia (BPD) and pulmonary hypertension and is funded by the National Institutes of Sciences to investigate the mechanistic and therapeutic roles of adrenomedullin and regulatory T cells in BPD.