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Dr. Gulati is a Professor of Pediatrics in the Division of Pediatric Gastroenterology at the University of North Carolina at Chapel Hill. He is a physician-scientist focused on developing novel strategies to augment intestinal epithelial cell function, with the long-term goal of establishing safer and more effective therapies for children with inflammatory bowel diseases (IBD).

From a research standpoint, Dr. Gulati's laboratory focuses on understanding interactions between the commensal microbiota of the gut and the host epithelium in the context of chronic intestinal inflammation. Specifically, he seeks to elucidate the mechanisms by which the enteric microbiota interacts with the host to regulate intestinal epithelial biology. His group is particularly interested in small intestinal Paneth cells, as these cells represent a key intersection point between genetics, environment, and the microbiota in IBD. It is his hope that understanding the biology of these cells will ultimately lead to safer, patient-specific therapies for these disorders.

From a clinical standpoint, Dr. Gulati directs the UNC Multidisciplinary Pediatric IBD Center. He is also the physician leader for their center's involvement in the Improved Care Now Pediatric IBD Quality Improvement (QI) Collaborative. In this capacity, he directs the planning and implementation of QI activities through their center. He also serves as a site PI on numerous multi-center clinical IBD studies that are ongoing at UNC. These clinical activities allow him to bring the most innovative care to his IBD patients.