

Nataki C. Douglas, MD, PhD is an Associate Professor and Director of Translational Research in the Department of Obstetrics, Gynecology and Women's Health and a member of the Center for Immunity and Inflammation and the Institute for Infectious and Inflammatory Diseases. Dr. Douglas completed her MD and PhD training in the Department of Molecular, Cellular, and Developmental Biology at Yale University School of Medicine before continuing to Columbia University Medical Center/NewYork-Presbyterian Hospital for her residency in Obstetrics and Gynecology and fellowship in Reproductive Endocrinology and Infertility. After fellowship, she joined the Columbia Faculty as an Attending Reproductive Endocrinologist. She is a Board Certified Reproductive Endocrinologist who combines patient care with basic/translational research because she wants to raise the clinical bar for her patients. Dr. Douglas is a leader in understanding molecular mechanisms that underlie uterine vascular development early in pregnancy at the time of formation of the placenta. She utilizes unique animal models to study interactions between the uterine decidual vasculature and trophoblasts, while simultaneously seeks to validate these models against human disorders of pregnancy. This approach has the promise to improve diagnosis and treatment of infertility and common adverse pregnancy outcomes, including early miscarriages, intrauterine growth restriction, and preeclampsia.

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