

## **Sheela N. Magge, M.D., MSCE**

**Dr. Sheela Magge** is the Lawson Wilkins endowed chair of pediatric endocrinology, an associate professor of pediatrics at the Johns Hopkins University School of Medicine, and the chief of the Division of Pediatric Endocrinology and Diabetes at Johns Hopkins. She is a clinician investigator dedicated to improving the lives of young people with type 2 diabetes, obesity, and insulin resistance, as well as the cardiovascular implications of these conditions.

Dr. Magge completed her B.A. in the biochemical sciences from Harvard University in 1992. She attended Yale University School of Medicine and then completed her pediatrics residency training at Children's Hospital of Boston. Dr. Magge then moved to The Children's Hospital of Philadelphia, where she completed her fellowship in pediatric endocrinology in 2004. During her fellowship, she enrolled in the Master's program at the Center for Clinical Epidemiology and Biostatistics at the University of Pennsylvania School of Medicine. During her training, she was one of three recipients chosen nationally for the Juvenile Diabetes Research Foundation Pediatric Diabetes Research Training Grant. Dr. Magge completed a Master's in clinical epidemiology in 2006 with a focus on patient-oriented research. She stayed on at The Children's Hospital of Philadelphia until April 2014, when she moved to the Children's National Medical Center in the Center for Translational Science. At Children's National, Dr. Magge was the medical director of the Clinical Research Center, associate director of the Center for Translational Science, chair of the Scientific Review Committee, and the director of research at the Division of Endocrinology. In January 2018, Dr. Magge moved to Johns Hopkins to become chief of the Division of Pediatric Endocrinology and Diabetes.

Dr. Magge has performed rigorous, patient-oriented research throughout her career. With children as young as 8 years old now presenting with type 2 diabetes, these youth may face cardiovascular complications decades earlier than previous generations. Dr. Magge's research investigates which factors put young people at greatest cardiovascular disease risk. Dr. Magge investigates the effects of altered body composition, whether due to specific medical conditions such as Down syndrome or to ancestral/racial differences, on cardiometabolic risk. Dr. Magge has been funded continually by the NIH for the last 13 years. She completed an NIH K23 award ("Dyslipidemia and CVD Risk in Pediatric Obesity and Type 2 Diabetes") and served as principal investigator (PI) (MPI with A. Kelly) of an NICHD R01, "Cardiometabolic risk and body composition in adolescents with Down syndrome (DS)," successfully recruiting 150 youth with Down syndrome and 100 typically developing peers and demonstrating increased dyslipidemia and prediabetes prevalence in Down syndrome despite similar levels of insulin resistance. Dr. Magge is currently the PI of an NIDDK R01, "The CHAriSmA Study—Cardiometabolic Health in Adolescents of South Asian Ancestry," investigating the mechanistic underpinnings of the increased cardiometabolic risk at lower body mass indexes in South Asians. Because of her national reputation, Dr. Magge served as an appointed member of the American Academy of Pediatrics Committee on Nutrition from 2012 to 2018 and has led national publications on youth-onset type 2 diabetes and cardiovascular disease risk.