

DeBosch, Brian

Brian DeBosch, MD, PhD

Assistant Professor of Pediatrics and Cell Biology & Physiology

Division of Pediatric Gastroenterology, Hepatology & Nutrition

Diabetes Research Center

Washington University School of Medicine

Dr. DeBosch received his undergraduate degree from the University of Michigan, Ann Arbor and did his medical and graduate training as part of the Medical Scientist Training Program at Washington University School of Medicine, during which he completed his doctoral thesis in the laboratory of Anthony Muslin studying signaling pathways involved in physiological and pathological cardiac hypertrophy and heart failure. After MSTP training, Dr. DeBosch completed pediatrics residency and gastroenterology fellowship as part of the Accelerated Research Pathway at St. Louis Children's Hospital. In July 2011, Dr. DeBosch pursued post-doctoral training as a trainee of the Pediatric Scientist Development Program (PSDP) in the laboratory of Dr. Kelle Moley in the Women's Reproductive Science Research Center at Washington University School of Medicine. Dr. DeBosch is currently an Assistant Professor in the Departments of Pediatrics and Cell Biology & Physiology at Washington University School of Medicine, where he studies the role of hexose transport and hexose-induced signaling events in dictating hepatic metabolism. He maintains a particular interest in how manipulating hexose metabolism applies to the prevention and treatment of non-alcoholic fatty liver disease and metabolic syndrome in both children and adults.