

Roth, Christian

Dr. Christian Roth has been an Associate Professor of Pediatrics at the University of Washington in the Physician-Scientist pathway since 2007 and became full Professor in 2016. He completed his medical education in Germany and was a board member of the German Pediatric Society of Endocrinology and Diabetes (2005-2008). His current research focuses on clinical and translational studies related to childhood obesity. In addition to studying factors of metabolic syndrome and obesity-related comorbidities, his research involves appetite-regulating peptides and disordered satiety, particularly in patients with hypothalamic obesity. He is the principle investigator of two NIH R01-supported projects, one of which investigating brain satiety responses in obese children using functional neuroimaging before and after obesity intervention, the other testing in a clinical trial responses to glucagon-like peptide-1 receptor agonist treatment in patients with hypothalamic obesity. His current translational research projects include drug interventions in rodent obesity models. Dr. Roth is an attending at the Endocrine Division at Seattle Children's Hospital. In his clinical work he takes care of children with early onset of morbid obesity as well as brain tumor patients with complex endocrine disturbances and hypothalamic obesity, among other patients with endocrine disorders.