

Prof. Markus Stoffel is the Professor of Metabolic Diseases at the Institute of Molecular Systems Biology at the ETH Zürich since 2006. After studying Medicine in Cambridge, UK and Bonn, Germany, he performed postdoctoral studies on the genetics of type 2 diabetes at the Howard Hughes Medical Institute at the University of Chicago. In 1995 he joined the faculty of the Rockefeller University, New York, as Assistant Professor and Head of Laboratory of Metabolic Diseases and was promoted to full Professor in 1999. His major research interests focus on molecular mechanisms regulating glucose and lipid homeostasis, insulin secretion and insulin signaling and controlling of gene regulatory networks through transcription factors and small non-coding RNAs. His major contributions have been the identification and characterization of genes responsible for genetic forms of early-onset type 2 diabetes, the identification of growth-promoting genes and networks in pancreatic b-cells, the characterization of transcriptional networks responsible for the molecular switches between fasting and postprandial metabolism and the discovery and characterization of microRNAs in the control of pancreatic beta cell growth and metabolism. He has received numerous awards, including the Pew Award in the Biomedical Sciences (1996), the Bristol Myers Award in Metabolism (2002), the Irma Hirschl Award (1996), the Wieland Prize (2008) and the Outstanding Scientific Achievement Award (ADA) in 2006 and the Minkowski Prize (EASD) in 2007, ERC Grant Award in 2010.