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*Implementing Single-Cell Transcriptional Profiling Approaches to
Investigate Circuit Integration of Adult-Born Neurons*

Dr. Benjamin Arenkiel received his bachelor's degree in Microbiology and Chemistry from St. Cloud State University in Minnesota. In 2004 he received his doctoral degree in Genetics from the University of Utah, where he trained under Nobel Laureate Dr. Mario Capecchi. From 2005-2010, he was an HHMI post-doctoral fellow with Drs Lawrence Katz and Michael Ehlers in the Department of Neuroscience at Duke University. In December of 2010 Dr. Arenkiel joined the faculty of Baylor College of Medicine as an Assistant Professor in the Department of Molecular and Human Genetics. He is currently a Full Professor and holds adjunct positions in the Department of Neuroscience and Texas Children's Hospital. Dr. Arenkiel is currently investigating how genes and activity interface to build, maintain, and remodel neuronal connections in the brain, as well as how basal forebrain circuits influence eating disorders and neuropsychiatric disease.