



## Jared Rutter, PhD

Dr. Jared Rutter is a Professor of Biochemistry and holds the Dee Glen and Ida Smith Endowed Chair for Cancer Research at the University of Utah where he has been on the faculty since 2003. Dr. Rutter received his PhD from the University of Texas Southwestern Medical Center in 2001, working with Dr. Steve McKnight. After receiving his PhD, he spent 18 months as the Sara and Frank McKnight Independent Fellow of Biochemistry before joining the faculty at the University of Utah.

As of September 2015, Dr. Rutter is an Investigator of the Howard Hughes Medical Institute. The Rutter laboratory has characterized the PAS kinase protein as an important factor in states of metabolic dysregulation—including obesity and diabetes. More recently, the Rutter laboratory and collaborators have identified the functions of a number of previously uncharacterized mitochondrial proteins, including the discovery of the long-sought mitochondrial pyruvate carrier. This knowledge has now enabled for the first time the demonstration that this critical metabolic step is impaired in a variety of human diseases, including cancer and cardiovascular disease. Dr. Rutter is also actively involved in translating these academic discoveries into therapies for patients. This has included founding two companies, one of which has a program in Phase 1 clinical trials, with the other in the late pre-clinical phase. He also serves as a Consultant or member of the Board of Directors or SAB of several additional companies and venture firms. Dr. Rutter serves as co-Director of the Diabetes and Metabolism Center at the University of Utah and co-Leader of the Nuclear Control of Cell Growth and Differentiation at Huntsman Cancer Institute.