Featured Investigator:

David A. Jacobson, PhD
Associate Professor
Molecular Physiology and Biophysics
Vanderbilt University School of Medicine

Research Specialty:
Islet expression
Islet ion channel regulation

Dr. Jacobson and his lab have been studying the regulation of pancreatic islet electrical activity and the mechanisms of hormone regulation in islets.

Featured Article:

Cellular calcium handling in diabetes

David Jacobson, Ph.D., and colleagues have now demonstrated that TALK-1 potassium channels located in the ER membrane facilitate calcium release from the ER in mouse and human beta cells.