

Ketone Metabolism as a Target for the Pharmacotherapy of Type 2 Diabetes



John Ussher, PhD

Professor, Faculty of Pharmacy &
Pharmaceutical Sciences
University of Alberta

July 10, 2025
12:00 - 1:00 PM
JBRC 500

Dr. Ussher acquired expertise in the molecular regulation of cardiac energy metabolism during his PhD training. Following his PhD training, Dr. Ussher trained with Dr. Daniel Drucker to acquire expertise in GLP-1 biology and how GLP-1 influences the cardiovascular system.

The Ussher Lab currently investigates the mechanisms by which obesity-related perturbations in intermediary energy metabolism contribute to the pathology of type 2 diabetes and cardiovascular disease, and whether these mechanisms represent novel targets for pharmacotherapy.