

The Biochemical Society

Speaker Highlight: Professor Philip Newsholme



- Research focuses on metabolism and metabolic diseases including diabetes.
- Head of School of Biomedical Sciences in Curtin University, Perth
- Previously held position of Associate Professor of Metabolic Science in University College Dublin.
- Member of the Editorial Board of *Clinical Science*, *Islets* and on the editorial advisory panel of the *Biochemical Journal*.
- Member of the Australian Research Council college of experts in Biological Sciences and Biotechnology.

Related Publications:

- GLP-1 receptor signalling promotes β -cell glucose metabolism via mTOR-dependent HIF-1 α activation. *Sci Rep*.
- Prevailing vitamin D status influences mitochondrial and glycolytic bioenergetics in peripheral blood mononuclear cells obtained from adults. *Redox Biol*.
- Reactive oxygen and nitrogen species generation, antioxidant defenses, and β -cell function: a critical role for amino acids *J Endocrinol*.
- Diabetes associated cell stress and dysfunction: role of mitochondrial and non-mitochondrial ROS production and activity *J Physiol*.