

QU Health Seminar Series

Why do we age; the crucial role of signaling through mTORC1

Prof. Christopher Proud

Distinguished Fellow, <u>Lifelong Health</u>, South Australian Health & Medical Research Institute.

Tuesday, September 26, 2023 11:30 AM - 2:00 PM Hall 125-Building H12

- Head of the Division of Molecular Physiology at the University of Dundee
- Head of the Department of Biochemistry & Molecular Biology at the University of British Columbia
- Led the Molecular Bioscience unit at the University of Southampton
- Theme Leader for Nutrition and Metabolism at (South Australian Health and Medical Research Institute) SAHMRI
- Professor in Molecular and Biomedical Science at the University of Adelaide
- Research focus: protein synthesis regulation, nutrients, hormones, cancer cell biology, diet-induced inflammation, insulin resistance, and type 2 diabetes
- Particularly investigates protein kinases like mTOR, eEF2K, and MNKs
- Highlighted mTOR's roles in human diseases and aging
- Mentored over forty MSc and PhD students, along with nearly fifty postdoctoral researchers
- h-index of 105 and over 40,000 citations

