MONASH University

2026 MIPS Seminar Program

15 Apr 2026 | 12:00 to 1:00 pm | LT3

IMPROVING DRUG POTENCY AND SELECTIVITY: A CHEMICAL APPROACH

Professor Andrew Abell



Andrew is Professor of Chemistry at the University of Adelaide and past node director of the ARC Centre of Excellence for Nanoscale Biophotonics. Postdoctoral fellowship at Cambridge with Professor Sir Alan Battersby and Professor of Chemistry at the University of Canterbury; visiting scientist, consultant and senior Fulbright Fellow with SmithKline Beecham (now GSK) in Philadelphia.

Co-founded an Adelaide-based company Calpain Therapeutics, recently co-established Immunologic (USA), past Head of School of Chemistry and Physics at the University of Adelaide and member of the Australian Research Council (ARC) College of experts.

Andrew is a recipient of the Royal Australian Chemical Institute Adrien Albert Prize, The Alexander R. Matzuk Prize and Lecture in Drug Discovery (Baylor College of Medicine, Houston), Royal Society of Chemistry Easterfield Medal, and he is currently Australian Fulbright Ambassador.

His research interests are concerned with understanding and exploiting the fundamental link between the chemical structure and shape of key biological molecules and their biological function. Has supervised >250 PhD, postdocs, MSc and honours students over the years.