

Monash Metabolism Symposium Program

New Horizons, 20 Research Way, Clayton

Seminar Rooms G29 & G30

Monday 24 August 2026

Time	Activity
10:50am	Welcome & Overview Prof Tony Tiganis <i>(Talks are 20 min plus 5 min Q&A - per international speaker)</i> <i>(Talks are 10 min plus 5 min Q&A – per Monash BDI speaker)</i>
10:55am	Session 1 - Brain, Central Nervous System Chair: Prof Zane Andrews Co-chair: Prof Roger Pocock
11:00am	Prof Martin Myers , University of Michigan, USA <i>CNS control of metabolism</i>
11:25am	Prof Sabrina Diano , Columbia University Irving Medical Center, USA <i>From Metabolite to Messenger: Lactate in Metabolism Regulation</i>
11:50am	A/Prof Zach Gerhart-Hines , University of Copenhagen, Denmark <i>Novel insights into Neurokinin 2 Receptor agonism: Implications for obesity pharmacotherapy</i>
12:15pm	Prof Michael Cowley , Monash Biomedicine Discovery Institute, Australia <i>Revisiting the effect of leptin on blood pressure</i>
12:30pm	Dr Romana Stark , Monash Biomedicine Discovery Institute, Australia <i>Ghrelin receptors in the Ventromedial Hypothalamus (VMH) regulate glucose and energy metabolism during energy deficit</i>
12:45pm	LUNCH
1:45pm	Session 2 - Organelles and Peripheral Metabolism Chair: Dr Luke Formosa Co-chair: Kate McArthur Prof Edward Chouchani , Harvard Medical School, USA <i>A mechanism of lactate control over protein function</i>
2:10pm	Prof Yiguo Wang - Tsinghua University, China <i>Hormonal regulation of metabolism</i>

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	Session 2 - Organelles and Peripheral Metabolism (Cont'd) Chair: Dr Luke Formosa Co-chair: Kate McArthur
2:35pm	Dr Meagan McGrath , Monash Biomedicine Discovery Institute, Australia <i>Lysosome plasticity in glycogen metabolism</i>
2:50pm	Prof Roger Pocock , Monash Biomedicine Discovery Institute, Australia <i>Gas-sensing neurons prime mitochondrial fitness to offset metabolic stress</i>
3:05pm	Dr Deepak Adhikari , Monash Biomedicine Discovery Institute, Australia <i>Deciphering the roles of mitochondrial complex I during oogenesis</i>
3:20pm	Prof Renea Taylor , Monash Biomedicine Discovery Institute, Australia <i>Defining metabolic vulnerabilities in therapy-resistant prostate cancer</i>
3:35pm	Afternoon Tea
	Session 3 - Tissue Metabolism and Nutrition Chair: A/Prof Adam Rose Co-chair: A/Prof Belinda Henry
3:55pm	Prof Philipp Scherer , UT Southwestern Medical Center, USA <i>Targeting Adipose Tissue to Combat Diabetes and Cardiometabolic Disease - Is Fat the Problem—or the Solution?</i>
4:20pm	Prof Weiping Han , National University of Singapore, Singapore <i>Targeting amino acid metabolism in obesity-associated cancer</i>
4:45pm	Dr Patricia Rusu , Monash Biomedicine Discovery Institute, Australia <i>Deciphering the effects of dietary protein on satiety and metabolism in obesity and type 2 diabetes</i>
5:00pm	A/Prof Qiong (Annabel) Wang - City of Hope in Los Angeles, USA <i>Spatiotemporal adipocyte–epithelial cell interactions govern mammary gland function</i>
5:25pm	Dr Andre Mu , Monash Biomedicine Discovery Institute, Australia <i>Towards modulating the microbiome for desired host health trajectories</i>
5:40pm	Closing remarks – Prof Tony Tiganis
5:45pm	Monash Metabolism Symposium close