

SBMS Cardiovascular Mini-symposium

Date: Monday, 11th June 2018

Time: 1 pm – 5:30 pm

Venue: QBI Auditorium, UQ

Program

Broad theme: Cardio-metabolic disease: Mechanisms and treatments

Session 1: Novel treatment approaches for cardio-metabolic disease
(SBMS School Seminar) (Chair: Dr Niwanthi Rajapakse)

- 1 pm - 1:05 pm Introduction – Dr Niwanthi Rajapakse
- 1:05 pm – 1:35 pm Professor Peter Little (Head, School of Pharmacy, UQ)
Title: Part 1. Diabetes update – what’s important, what’s changed and what is new.
Part 2. Discovery of a new Smad based signalling pathway.
- 1:35 pm – 1:50 pm Dr Danielle Kamato (Early Career Research Fellow, School of Pharmacy, UQ)
Title: The role of G alpha proteins in GPCR mediated transactivation of multiple kinase receptors in cardiovascular disease
- 1:50 pm – 2 pm Questions

Session 2: Cardio-metabolic research in SBMS (10 min Talk + 5 min Qs)
(Chair: Dr Dom Ng)

- 2:00 pm – 2:30 pm Professor Wally Thomas
(Research program overview in Thomas laboratory
+ CV research overview in SBMS/ FoM + Questions/discussion)
Title: The Queensland cardiovascular landscape: hills and valleys, hope and hype
- 2:30 pm – 2:45 pm Professor Chen Chen
Title: Cardiomyocyte protective effect of ghrelin analogue in rodents

2:45 pm – 3:00 pm Dr Dom Ng
Title: Targeting protein kinases in cardiac development and disease

3:00 - 3:30 **Coffee**

Session 3: Cardio-metabolic research in SBMS cont. (10 min Talk + 5 min Qs)
(Chair: Dr Linda Gallo)

3:30 pm – 3:45 pm Dr Niwanthi Rajapakse
Title: L-arginine transporters: a novel treatment target in cardiovascular disease

3:45 pm – 4:00 pm Dr Melissa Reichelt
Title: The unique profile of diabetic cardiomyopathy in females

4:00 pm – 4:20 pm Professor Karen Moritz and Ms Emily Dorey
Title: Developmental programming of cardiovascular and metabolic disease: prenatal insults and adult health

4:20 pm – 4:35 pm Dr Linda Gallo
Title: SGLT1/2 inhibition for cardio-renal protection in diabetes mellitus

4:35 pm – 4:50 pm Dr James Cuffe
Title: Cardiometabolic dysfunction in offspring following selenium deficiency in pregnancy.

4:50 pm – 5:20 pm Discussion: Funding strategies/opportunities for collaboration