



Monday 11th December 2023 - Programme

Start times given per time zone:

NZ NSW QLD

11:00 9:00 8:00 Welcome – from SFRRRA President, Prof Andrew Bulmer

SESSION 1 NZ node Chairs: Dr Nina Dickerhof (in Christchurch) & Ass. Prof Liz Ledgerwood (in Dunedin)

11:10 9:10 8:10	Dr Karina O'Connor	Uni. Otago Christchurch	Does shape-shifting of p16 ^{INK4A} represent a physiological switch?
11:30 9:30 8:30	Sydney Austad	Uni. Otago Christchurch	Disrupting the oligomeric structure of peroxiredoxins in cancer cells
11:45 9:45 8:45	Dr Tanya Cully	University of Otago	Nox4, a potential therapeutic target in Duchenne Muscular Dystrophy
12:05 10:05 9:05	Caitriona MacTaggart	University of Otago	Investigating peroxiredoxin redox status in blood cells
12:20 10:20 9:20	Short Break		

SESSION 2 NSW/ACT node Chairs: Prof Paul Witting & Dr Jereme Spiers (in Sydney)

12:30 10:30 9:30	Ass. Prof Morten Andersen	Macquarie University	Sugar-Code of MPO: Illuminating the Dark Neutrophil Glycoproteome
12:50 10:50 9:50	Dr Kristine McGrath	Uni. Tech. Sydney	Air Pollution: Implications for Alzheimer's Disease and Cardiovascular Health
13:10 11:10 10:10	Dr Natasha Vassileff	Aust. National Uni.	NO signalling in extracellular vesicles during neuro-inflammation & degeneration
13:25 11:25 10:25	Lunch Break		

SESSION 3 NSW/VIC node Chairs: Prof Paul Witting (in Sydney) & Dr Stanley Chan (in Melbourne)

14:00 12:00 11:00	Steven (Kangzhe) Xie	Uni. Sydney	Inhibition of neutrophil NET formation with a PAD4 inhibitor fails to ameliorate colitis
14:15 12:15 11:15	Dr Gihani Manodora	Uni. Sydney	TEMPOL's Impact on Adipose Tissue Inflammation: Implications for Insulin Resistance
14:30 12:30 11:30	Wei (Wendy) Wang	RMIT Uni	Defining the cross-tissue communication between lungs and white adipose tissue in COPD
14:45 12:45 11:45	Annual General Meeting – all please attend, the AGM will be followed by a short break		

SESSION 4 QLD node Chairs: Prof Peter Sly & Prof Andrew Bulmer (in Brisbane)

15:50 13:50 12:50	Prof Ulrike Kappler	Uni. Queensland	Cross-border diplomacy – molecular sabotage and manipulation at the host-pathogen interface
16:10 14:10 13:10	Sitara Shameem	Griffith Uni.	Titrateable hyperbilirubinaemia and antioxidant capacity in the UGT1A1 Cre/Lox mouse
16:25 14:25 13:25	Dr Ayaho Yamamoto	Uni. Queensland	Astaxanthin protects against pollution induced oxidative stress in respiratory epithelium
16:40 14:40 13:40	Dr Dwan Vilcins	Uni. Queensland	Trends and predictors of environmentally persistent free radicals in household dust
16:55 14:55 13:55	Closing remarks – from SFRRRA President, Prof Andrew Bulmer		

17:00 15:00 14:00 END