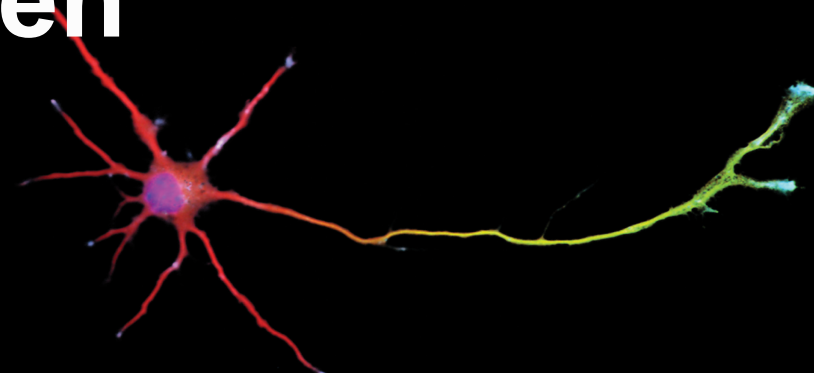# Registration Now Open

Organized by
Prof Thomas Fath (Macquarie University)
A/Prof Vladimir Sytnyk (UNSW Sydney)
Dr Cathryn Blizzard (University of Tasmania)
Dr Nicole Bryce (UNSW Sydney)
Christopher Small (University of Queensland)
Dr Sarah Boyle (Centre fo Cancer Biology)

8th CADD SYMPOSIUM

8th Cell Architecture in Development and Disease Symposium

Annual Scientific Meeting of the Cell Architecture Special Interest Group [CA-SIG, ASBMB]

Satellite Meeting to the Annual Scientific Meeting of the Australasian Neuroscience Society [ANS]

1st December 2019

Keynote Speakers

Stephen Robertson
Dunedin School of Medicine, University of Otago, New Zealand

Jennifer Stow
Institute for Molecular Bioscience, The University of Queensland

Registration

For Registration, click **HERE** [reduced rates for ANS and ASBMB members]

Time
1st December 2019
8:30 am - 5:00 pm

Venue
Seminar Room, Level 8
University of South Australia
Cancer Research Institute
North Terrace, Adelaide

Information
For more information, contact:
Thomas Fath
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1st December 2019 — 8th CADD SYMPOSIUM

ANS Satellite meeting
&
Scientific Meeting of the ASBMB Cell Architecture Special Interest Group

[Location: Level 8, UniSA Cancer Research Institute, North Terrace, Adelaide]

Program

8:30	Registration
8:40	Welcome, Thomas Fath (Macquarie University, Sydney)
8:45	Zlatko Kopecki (University of South Australia, Adelaide) – *Targeting an actin remodeling protein Flightless for improved healing of blistered skin*
9:05	Manuela Klingler-Hoffmann (University of South Australia, Adelaide) – *The Emerging Role of Cytoskeletal Proteins as Reliable Biomarkers*
9:25	Maria Lastra Cagigas (University of New South Wales, Sydney) – *The Actin Binding Proteins Tropomyosin 1.8/1.9 Specifically Regulate Lamellipodial Dynamics and Cell Adhesion in Migrating Fibroblasts*
9:40	**Keynote Lecture 1 – Jenny Stow** (University of Queensland, Brisbane)
	Macropinocytosis as an inflammation hub in microglia
10:30	Morning tea
11:00	Helen Cooper (University of Queensland, Brisbane) – *Riding the WAVE: branched actin remodelling in the dendritic spine*
11:30	Bill Phillips (University of Sydney) – *MuSK and muscular dystrophy*
12:00	Janet van Eersel (Macquarie University, Sydney) – *Hippocampal network aberrations in tau transgenic mice is linked to hyperexcitation*
12:20	Lauren Jones (Flinders University) – *Selective ablation of spinal afferent endings leads to reduced enterchromaffin cell development*
12:35	Lunch
13:25	**Keynote Lecture 2 – Stephen Robertson** (Otago University, Dunedin) – *The Cytoskeleton in Morphogenesis; Insights from the Filaminopathies*
14:25	Arne Ittner (Dementia Research Centre, Macquarie University, Sydney) – *New insights into functions of phosphorylation of the microtubule-associated protein tau*
14:40	Rob Gasperini (University of Tasmania, Hobart) – *Is the endoplasmic reticulum sessile or motile, and why does it matter?*
14:55	Mona Radwan (Melbourne University) – *Arginine valency in C9ORF72 polydipeptides mediates promiscuous proteome binding that transmits multiple modes of toxicity*
15:10	Barbora Fulopova (University of Tasmania, Hobart) – *Decreased structural dynamics at excitatory neuronal presynaptic boutons in APP/PS1 mouse model rescued following iTBS intervention - an in vivo imaging study*
15:20	Afternoon tea
15:40	Paul Curmi (University of New South Wales, Sydney) – *Dynamical mechanisms for establishing intracellular patterning: Does a reaction-diffusion system control neuronal polarity?*
16:00	Jing Yang Tee (Griffith University) – *Altered cell migration phenotype in schizophrenia is caused by dysfunctional cytoskeleton, focal adhesion defects and disrupted cell-intrinsic responses to extracellular microenvironments in patient-derived stem cells*
16:20	Ramon Martinez-Marmol (University of Queensland) – *Neuronal architecture under the nanoscope*
16:40	Igor Bonacossa Pereira (University of Queensland) – *Proper coupling between the axon and its surrounding tissue is necessary to maintain axonal integrity*
16:55	Closing remarks and prizes