



9:00 am - 6:00 pm
23th Nov 2018



QLD Bioscience
Precinct Building 80
UQ St Lucia



[imb.uq.edu.au/
CIDRsymposium2018](http://imb.uq.edu.au/CIDRsymposium2018)

PROGRAM

9:00 - 9:10 **Welcome:** Matt Sweet (IMB, UQ)

9:10 - 10:50 **Metabolism and Inflammation** (Chair: Matt Sweet)

Meredith O’Keeffe - Biochemistry & Molecular Biology, Monash University:
9:10 – 9:35 (25 min)
Interferon-lambda, DC & metabolism

Phil Hansbro - HMRI/University of Newcastle and Centenary Institute/UTS:
9:35 – 10:00 (25 min)
Mitochondrial oxidative stress and immunometabolism in COPD

Kirsty Short - SCMB, UQ: 10:00 – 10:25 (25 min)
Influenza virus and chronic medical conditions: a killer combination

Katharina Ronacher - Mater Research-UQ: 10:25 – 10:50 (25 min)
*Immune-Metabolic Alterations Beyond Hyperglycemia and Infectious Disease
Risk in Diabetes: Insights from Studies Across Different Ethnicities*

10:50 - 11:20 MORNING TEA

11:20 - 12:25 **Imaging inflammation** (Chair: Jenny Stow)

Alpha Yap - IMB, UQ: 11:20 – 11:45 (25 min)
Epithelia: their first line of defence against the challenge of apoptosis

Adam Wall - IMB, UQ: 11:45 – 12:00 (15 min)
*Rab Regulation of Ruffling and Macropinocytosis during TLR activation in
macrophages*

David Hume - Mater Research-UQ: 12:00 – 12:25 (25 min)
Imaging macrophages and regulation of Csf1r gene expression

12:25 - 1:30 LUNCH

1:30 - 3:00 **Fibrosis and wound healing** (Chair: Abishek Iyer)

[Allison Cowin](#) - University of South Australia: 1:30 – 1:55 (25 min)
Cytoskeletal regulation of wound healing and inflammation

[Divya Ramnath](#) - IMB, UQ: 1:55 – 2:10 (15 min)

Mapping steatosis-independent and steatosis-driven gene signatures associated with chronic liver disease

[Kelli MacDonald](#) - QIMRB: 2:10 – 2:35 (25 min)

Targeted Rock2 inhibition suppresses and reverses liver fibrosis

[Glenda Gobe](#) - SBMS, UQ: 2:35 – 3:00 (25 min)

Role of cGMP and its signaling pathways in kidney fibrosis

3:00 - 3:30 AFTERNOON TEA

3:30 - 4:50 **Cellular and molecular mechanisms of inflammation** (Chair: Kate Schroder)

[Ranjeny Thomas](#) - UQ-DI, UQ: 3:30 – 3:55 (25 min)

Role of bacteria, macrophages and IL-23 in the pathogenesis of spondyloarthritis in SKG mice

[Ken Loh](#) - IMB, UQ: 3:55 – 4:10 (15 min)

Controlling activation of a GPCR in allergic asthma

[Amy Chan](#) - IMB, UQ: 4:10 – 4:25 (15 min)

Mechanisms of Caspase-4 Activation

[James Vince](#) - WEHI: 4:25 – 4:50 (25 min)

Post-translational control of inflammasome signalling

4:50 - 5:00 **Close:** Kate Schroder (IMB, UQ)

5:00 - 6:00 **Mixer**

Symposium organizers:



Professor Matt Sweet
Director,
Centre for Inflammation and
Disease Research
m.sweet@imb.uq.edu.au



A/Professor Kate Schroder
Deputy Director,
Centre for Inflammation and
Disease Research
k.schroder@imb.uq.edu.au



Professor Jenny Stow
Group Leader,
Cell Biology and Molecular
Medicine
j.stow@imb.uq.edu.au



Professor David Fairlie
Division Head & Group Leader,
Chemistry and Structural Biology
Division
d.fairlie@imb.uq.edu.au

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