PROGRAM

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

9:10 - 10:00  Keynote address (Chair: Matt Sweet)
Sharon Lewin - Peter Doherty Institute: 9:10 - 10:00 (50 min)
The next great challenge in HIV care - tackling inflammation and related co-morbidities

10:00 - 10:50  Inflammation translation (Chair: Jenny Stow)
Kate Schroder - IMB, UQ: 10:00 - 10:25 (25 min)
Extinguishing the fire: inflammasome inhibition
Kate Stacey - SCMB, UQ: 10:25 - 10:50 (25 min)
Toll-like receptor 4 pathways in dengue virus pathology

10:50 - 11:20  MORNING TEA

11:20 - 12:30  Newly described inflammatory cells and pathways (Chair: Kate Schroder)
Dale Godfrey - University of Melbourne: 11:20 - 11:45 (25 min)
The burgeoning family of unconventional T cells
Kaiwen Chen - IMB, UQ: 11:45 - 12:00 (15 min)
Pyroptotic cell death during inflammasome activation in neutrophils
Jacky Suen - IMB, UQ: 12:00 - 12:15 (15 min)
Biased Modulation of Protease Activated Receptor 2
Ronan Kapetanovic - IMB, UQ: 12:15 - 12:30 (15 min)
Targeting deacetylase enzymes to enhance antimicrobial functions in macrophages

12:30 - 1:30  LUNCH
1:30 - 3:10  **Inflammation and metabolic disease** (Chairs: Divya Ramnath and Ken Loh)

Mark Febbraio - Garvan Institute: 1:30 - 1:55 (25 min)
*The chameleon role of TLR4 in lipid-induced macrophage inflammation*

*High Fat Diets Induce Colonic Epithelial Cell Stress and Inflammation that is Reversed by IL-22*

Elizabeth Powell - SOM, UQ: 2:20 - 2:45 (25 min)
*Targeting inflammation in NAFLD*

Brendan O’Sullivan - DI, UQ: 2:45 - 3:10 (25 min)
*Immunomodulatory liposomes for treating complications of obesity*

3:10 - 3:40  **AFTERNOON TEA**

3:40 - 4:30  **Imaging inflammation** (Chair: David Fairlie)

Jenny Stow - IMB, UQ: 3:40 - 4:05 (25 min)
*Imaging signaling environments at the macrophage cell surface*

Bill Heath - University of Melbourne: 4:05 - 4:30 (25 min)
*Maze runners: liver resident memory T cells*

4:30 - 4:40  **Close**: Kate Schroder - IMB, UQ

4:40 - 6:00  **Mixer**

**SYMPOSIUM ORGANISERS**

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