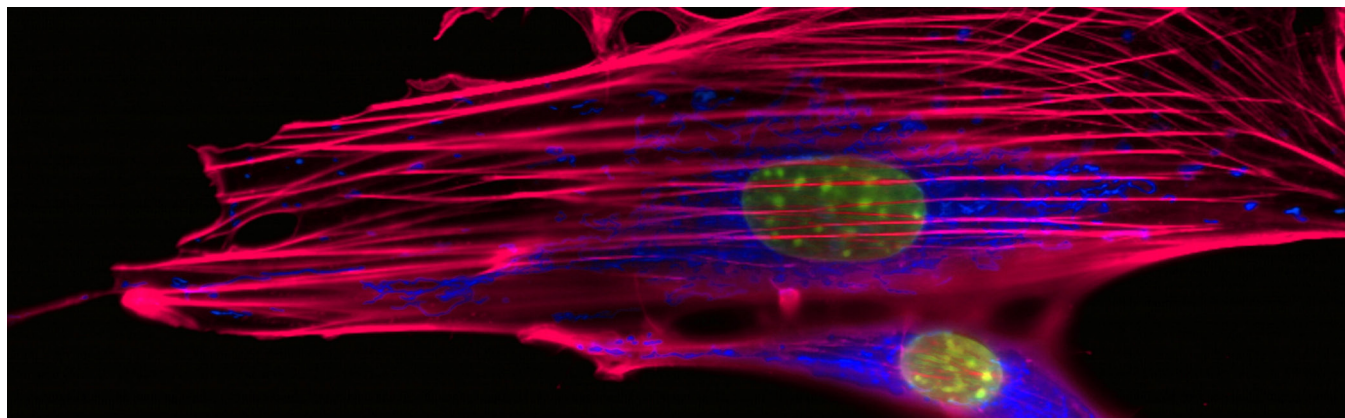




Australian Inflammation Symposium

11-12 November 2021

SESSION 1: WEHI

Thursday 11 November 2021

Session Chairs: Joanne Hildebrand, Najoua Lalaoui and Sophia Davidson

AEST	AEDT	
10:00	11:00	James Murphy Overview of the Inflammation Division at WEHI
10:10	11:10	Katherine Martin Understanding how pathogenic low density neutrophils contribute to disease
10:25	11:25	Sarah Garnish Investigating the influence of a common human MLKL gene variant on health and disease
10:40	11:40	Joel Rimes In vivo multiphoton imaging the dynamics of plasma cell bone marrow behaviour
10:55	11:55	Lizeth Meza Cbl-b, a candidate immune checkpoint for NK cell combination therapy
11:10	12:10	Lin Liu Tankyrase-mediated ADP-ribosylation is a novel regulator of TNF-induced death
11:25	12:25	Daniel Simpson IFN-gamma and pathogen ligands induce mitochondrial cell death licensed by nitric oxide
11:40-11:55	12:40-12:55	Cassandra Harapas Lethality due to DPP9 deficiency is rescued by deletion of the NLRP1 inflammasome

SESSION 2: Centenary UTS

Thursday 11 November 2021

Session Chair: Elinor Hortle

AEST	AEDT	
1:00	2:00	Phil Hansbro Overview and Centre for Inflammation
1:15	2:15	Phil Hogg Inflammation & Cancer Research Centre
1:25	2:25	Jenny Gamble Inflammation & cardiovascular research
1:35	2:35	Annalicia Vaughan Microbiomes in COPD
1:43	2:43	Ridhima Wadhwa Inflammation in severe asthma
1:51	2:51	Gang Liu Inflammation in IPF
1:59	2:59	Matt Johansen Cellular and animal models for SARS-CoV-2 infection and COVID-19
2:07	3:07	Jaesung Choi The role of microbiome and its' induced immune response in stroke caused by cerebral cavernous malformation
2:15	3:15	Aster Pijning $\alpha\text{IIb}\beta\text{3}$ integrin functions as multiple covalent forms on human platelets
2:23	3:23	Joyce Chiu Mechano-redox control of Mac-1 de-adhesion from endothelial ICAM-1 by protein disulfide isomerase
2:31	3:31	Kathryn Wright Mycobacterium infection-induced miR-126 protects the host by suppressing permissive macrophages
2:39	3:39	Diana Quan How does silicosis make TB worse
2:47	3:47	Andrew Quattrocchi Role of perivascular macrophages in blood-brain barrier dysfunction
2:55 - 3:03	3:55 - 4:03	Matt Graus Single molecule based assay as an emerging approach in the field of genome biology

SESSION 3: Monash CID

Friday 12 November 2021

Session Chair: Michael Hickey

AEST	AEDT	
9:15	10:15	Michael Hickey CID Overview
9:25	10:25	Fabien Vincent Serum protein profiling in patients with systemic lupus erythematosus
9:37	10:37	Joshua Ooi Treg-based cell therapies in SLE
9:49	10:49	Poh-Yi Gan Identifying novel therapeutics in autoimmune vasculitis
10:01-10:13	11:01-11:13	Connie Wong In vivo imaging in experimental stroke

SESSION 4: Hudson CiiD

Friday 12 November 2021

Session Chairs: Michelle Tate and Chris Harpur

AEST	AEDT	
10:30	11:30	Paul Hertzog Centre Overview
10:40	11:40	Eveline de Geus Interferon epsilon as a novel regulator of intestinal homeostasis
10:50	11:50	Cristina Giogha Inflammation and cell death during Salmonella infection
11:00	12:00	Mary Speir Regulation of inflammatory cell death by A1
11:10	12:10	Rebecca Ambrose Shigella and the type I interferon response
11:20	12:20	Saleela Ruwanpura The AIM2 inflammasome as a novel target for therapeutic intervention in influenza A-induced chronic obstructive pulmonary disease (COPD) exacerbations
11:30	12:30	Mohamed Saad The role of the metalloprotease ADAM17 in inflammation and cancer
11:40	12:40	Michelle Chonwerawong Organ-on-a-chip technology: A tool for insight into host-microbiome interactions
11:50 - 12:00	12:50 - 1:00	Question time

SESSION 5: IMB

Friday 12 November

Session Chairs: Alpha Yap and Stefan Emming

AEST	AEDT	
1:00	2:00	Kate Schroder Inflammation research at IMB
1:10	2:10	Jennifer Stow Modulating TLR-mediated signaling and inflammation
1:33	2:33	Matthew Sweet Identifying immunometabolic switches that control macrophage inflammatory and antimicrobial pathways
1:56	2:56	Emma Gordon Endothelial cells are not productively infected by SARS-CoV-2
2:19	3:19	Kinga Duszyc When silence hides a scream: can "immunologically silent" apoptosis trigger inflammation?
2:31	3:31	Amanda Dodds Protease-induced immunometabolism in mice
2:43	3:43	Sabrina Burgener Caspase-1 drives non-alcoholic steatohepatitis
2:55-3:00	3:55-4:00	Kate Schroder Symposium close