

AUSTRALIAN INFLAMMATION CENTRES Symposium 2024

This year, we have a dedicated AIC day on Sunday 24 November with amazing speakers from the member organisations. Join us on site or online! Monday 25 November is an in person joint workshop with the ASI Innate Immunity and Immunometabolism Special Interest Groups.

Join us for either one or both days!

24 NOVEMBER

ASI speakers | Join in person at Centenary Institute, NSW or online

- scroll down for program

Free! [Register here at TryBooking.](#)

25 NOVEMBER

Joint workshop with ASI Innate Immunity and Immunometabolism Special Interest Groups (registration fee applies, in person only)

[Register here at the ASI website.](#)

The Australian Inflammation Centres (AIC) brings together inflammation researchers from nine major sites:

WEHI, Centenary UTS, Monash University's Centre for Inflammatory Diseases, Hudson Institute's Centre for Innate Immunity and Infectious Diseases, the Institute for Molecular Bioscience at UQ, SAiGENCI at The University of Adelaide, Curtin University, Australian National University and QIMR Berghofer.



More information: australian.inflammation.centres@gmail.com

Australian Inflammation Centres Symposium 2024

Program – Sunday 24 November 2024

AEDT	
10:00	Meeting welcome – Phil Hansbro (UTS Centenary)
Session 1: Cell death	
10:05	John Silke (WEHI) <i>tbc</i>
10:35	Aysha Al-Ani (WEHI) Cell death signaling in IBD
10:50	Jiyi Pang (WEHI) Inflammatory bowel disease cytokines prime for intestinal death and license iNOS-dependent apoptosis in humans
11:05	Break
Session 2: Inflammation & cancer	
11:30	Jennifer Currenti (CHIRI/Harry Perkins Institute) Predicting immunotherapy response in late-stage Hepatocellular Carcinoma by CD8 T cell receptor diversity
11:45	Vikas Duhan (QIMRB) NK cells in antitumour immunity
12:00	Mara Zeissig (SAiGENCI) T cell immunotherapy in lung cancer
12:15	Dongmei Tong (Hudson) The role of NLRC5 in gastric inflammation and gastric cancer
12:30	Angela Ferguson (UTS Centenary) High-dimensional spatial analysis of the tumour-microenvironment in Head and Neck Cancer
12:45	Stefano Mangiola (SAiGENCI) Computational methods for the study of the immune system's role in cancer progression and treatment response
1:00	Break
Session 3: The OMICS of inflammation	
1:45	Natália Sampaio (Hudson) Using iCLIP to identify endogenous RNA targets of host viral sensor MDA5 during infection
2:00	Adrian Valerin Cioanca (ANU) CEBP Transcription Factors as Mediators of Inflammation in Retinal Degeneration



2:15	Chunni Lu (Monash CID) A newly identified CD4+ T cell epitope of proteinase 3 induces autoimmune glomerulonephritis
2:30	Rishika Abrol (UQ) A TurboID-based proteomic screen identifies HDAC7 as an essential component of TLR-inducible mitochondrial fission in macrophages
2:45	Matt Johansen (UTS Centenary) COVID – scRNA sequencing
3:00	Maria Tanzer (WEHI) Proteomics profiling of macrophage reprogramming upon dead cell clearance
3:15	Break
Session 4: Infection & inflammation	
3:35	Mehdi Sharifi Tabar (UTS Centenary) Discovery of a novel epigenetic regulator of innate antiviral immunity
3:50	Jessica Engel (QIMRB) Examining tissue- and drug- specific CD4 + T cell responses in experimental visceral leishmaniasis
4:05	Xiaonan Zhang (University of Canberra) Complement and HBV infection
4:20	Jasmine Nguyen (UTS Centenary) Roles of the protease DPP9 in experimental SARS-CoV-2 infection
4:35	Daniel Rawle (QIMRB) Defining the immunological and pathological events that distinguish lethal versus non-lethal flavivirus encephalitis
4:50	Guanshu Zhao (UTS Centenary) Exploring the role of interferon epsilon in SARS-CoV-2 infection
5:05	Close for the day – Phil Hansbro (UTS Centenary)