



14th World Congress on Inflammation **Sydney 2019**

Inflammation Down Under: A Harbour for New Ideas

15-19 September 2019

www.wci2019.org

DAY ONE

Sunday 15 September 2019

16:30

Opening Ceremony

17:00

Plenary 1 | Parkside Ballroom

Immunometabolism and NLRP3 as targets for novel anti-inflammatory therapeutics

Luke O'Neill

Trinity College Dublin, Ireland

The EMBO Keynote Lecture

17:45

Plenary 2 | Parkside Ballroom

The potential of immune checkpoint blockade for fighting against Alzheimer's disease

Michal Schwartz

Weizmann Institute of Science, Israel

18:30

Women in Science Award

Resolution: a better solution

Catherine Godson

Conway Institute & Schl of Medicine, University College Dublin, Ireland

19:00 – 21:00

Welcome Reception | Exhibition, The Gallery

9:00

Plenary 3 | Parkside Ballroom

Elizabeth Hartland

Hudson Institute of Medical Research, Australia

9:45

Plenary 4 | Parkside Ballroom

Macrophage and Dendritic Cell Biology: From Development to Functions

Florent Ginhoux

Singapore Immunology Network (SigN), Agency for Science, Technology and Research (A*STAR), Singapore

Morning Tea | Exhibition, The Gallery

10:30 – 11:00

Morning Symposia 1

11:00 – 12:30

T1: Biomarkers & New Therapeutic Targets

Morning Symposia 2

T1: Infection & Inflammation

Morning Symposia 3

T2: Leukocyte Biology & Trafficking

Morning Symposia 4

T3: Mucosal Inflammation

11:00 – 11:15

AKST4290, a CCR3 Inhibitor, is Efficacious in Models of Age-Related Eosinophilic Inflammation
Arnaud Teichert
Alkahest, United States

Glycolipid-peptide vaccination induces liver-resident memory CD8+ T cells that protect against malaria.
Lauren Holz
Peter Doherty Institute for Infection and Immunity, Australia

Reconnaissance neutrophils survey lymph nodes at steady state
Ania Bogoslowski
University of Calgary, Canada

Active epithelial serine proteases are produced by intestinal epithelium to control mucosal biofilms
Nathalie Vergnolle
Inserm U1220, France

11:15 – 11:30

CCL17 Blockade as A Therapy for Osteoarthritis Pain and Disease
Ming-Chin Lee
University Of Melbourne, Australia

TLR-inducible mitochondrial fission is an antimicrobial response that can be harnessed to combat intramacrophage bacterial pathogens.
Ronan Kapetanovic
University of Queensland, Australia

Ectodomain shedding of L-selectin licenses neutrophil effector function in cardiovascular disease.
Aleksander Ivetic
King's College London, United Kingdom

Luminal IL-1 Impairs Epithelial Barrier Integrity and signals pain in Ulcerative Colitis
Patrick Hughes
University of Adelaide, Australia

11:30 – 11:45

Pentosan Polysulfate Therapy For The Lysosomal Storage Diseases
Calogera Simonaro
Icahn School Of Medicine At Mount Sinai, United States

A dominant-negative mutation in TNFR1 results in increased susceptibility to pulmonary tuberculosis infection
Bernadette Saunders
University of Technology Sydney, Australia

Endothelial IQGAP1, Calmodulin and CaMKII δ Play a Role in Leukocyte Transmigration
Prarthana Dalal
Northwestern University Feinberg School Of Medicine, United States

Cathelicidin triggers a two-signal mechanism for CXCL8 synthesis in colonic epithelium upon Salmonella typhimurium or LPS challenge
Ravi Holani
University Of Calgary, Canada

11:45 – 11:50

Mitochondria-Targeted Sulfide Delivery Molecules Prevent/Reverse Cigarette Smoke-Induced Inflammasome Activation/Activity in Vitro
Dario Pacitti
University Of Exeter, United Kingdom

Thrombocyte inhibition restores protective immunity to mycobacterial infection in zebrafish
Elinor Hortle
Centenary Institute, Australia

Erythropoiesis suppression by bacterial liposaccharides is extrinsically mediated independently of G-CSF
Kavita Bisht
Mater Research Institute, Australia

Alveolar macrophages aid clearance of Legionella pneumophila infection in vivo
Garrett Ng
University of Melbourne, Australia

11:50 – 11:55

A novel caspase-1 biosensor to monitor the progression and attenuation of inflammation in vivo
Sarah Talley
Loyola University Chicago, United States

CD11c+ Human Epidermal Dendritic Cells Enriched in Inflamed Epidermis Transmit HIV
Kirstie Bertram
Westmead Institute For Medical Research, Australia

PDI regulation of neutrophil Mac-1 function via allosteric disulphides in the β 2 subunit
Joyce Chiu
University Of Sydney/Centenary Institute, Australia

Group 2 innate lymphoid cells promote bronchioalveolar stem cell survival and healthy postnatal lung development
Svenja Loering
University of Newcastle, Australia

11:55 – 12:00

An adaptive in vivo device for real time monitoring of cytokines towards precision theranostics in inflammation
Guozhen Liu
University Of New South Wales, Australia

Activation mechanisms of the caspase-4 non-canonical inflammasome
Amy Chan
University of Queensland, Australia

Neutrophil phenotype and function in Behcet's disease.
Mariam Murad
Univeristy Of Birmingham, United Kingdom

Mechanisms and Therapeutic Targeting of Immunometabolism in Chronic Obstructive Pulmonary Disease (COPD)
Lohis Balachandran
University Of Newcastle/Hunter Medical Research Institute, Australia

12:00 – 12:15

Recombinant human ADAMTS13 treatment and anti-NET strategies enhance skin allograft survival in mice
Siu Ling Wong
Nanyang Technological University, Singapore

Regulation of inflammatory signalling pathways by antithrombin in bacterial infectious diseases
Praveen Papareddy
Lund University, Sweden

The 'normalised endothelium' facilitates the subset-specific modulation of leukocyte transmigration in inflammation
Yang Zhao
Centenary Institute, Australia

Endosome and mitochondrial reactive oxygen species as novel targets in respiratory infectious disease
Stavros Selemidis
RMIT University, Australia

12:15 – 12:30

Control of Inflammation by the TPL2 Signaling Complex
Brent McKenzie
Genentech, United States

Bacterial vesicles induce inflammation by targeting mitochondria of macrophages
Thomas Naderer
Monash University, Australia

Following a sterile injury, Nlrp3 inflammasome-primed neutrophils return to the bone marrow to amplify granulopoiesis
Prabhakara Nagareddy
University of Alabama t Birmingham, United States

Anionic glycoconjugates that block IL-4, IL-5 and IL-13 activity inhibit experimental allergic asthma and allergic rhinitis
Deirdre Coombe
Curtin University, Australia

12:30 – 13:30

Lunch | Exhibition, The Gallery

Meet the Editor Panel

13:30 – 15:30

Afternoon Symposia 1
T1: Emerging therapeutics + Clinical Trials I

Afternoon Symposia 2
T2: Immune cell signalling & trafficking

Afternoon Symposia 3:
T3: Ageing and inflammation
Sponsored by The University of Queensland

13:30 – 14:00

Targeting immunity to ameliorate fibrosis
Tom Wynn
Pfizer, United States

PI3Kgamma regulates macrophage polarisation and inflammation in multiple receptor pathways.
Jennifer Stow
University of Queensland, Australia

Dawn Bowdish
McMaster Immunology Research Centre, Canada

14:00 – 14:30

Novel therapeutic mAb CSL311 offers therapeutic options for the treatment of diseases mediated by the common beta chain of the IL-3, GM-CSF and IL-5 receptors.
Cathy Owczarek
CSL Limited, Australia

Dynamics of immune cell migration and interaction visualized by intravital microscopy
Masaru Ishii
Osaka University Graduate School Of Medicine, Japan

The innate defense/tolerance balance in bats
Linfa Wang
Duke-NUS Medical School, Singapore

14:30 – 15:00

Development of anti-inflammatory and anti-fibrotic inhibitors of amine oxidases
Wolfgang Jarolimek
Pharmaxis Ltd, Australia

T cell immune regulation of epicardial adipose tissue inflammation in obese human subjects.
Paula Longhi
Queen Mary University, United Kingdom

High spare respiratory capacity is a key feature of virtual memory CD8 T cells, which is augmented by age, infection and IL-15 signaling.
Kylie Quinn
RMIT University, Australia

15:00 – 15:30

The immune checkpoint B4 as a novel therapeutic target in inflammation and cancer
Toshiyuki Takai
Tohoku University, Japan

The control of inflammation via phosphorylation and dephosphorylation of the mRNA destabilising protein tristetraprolin.
Andy Clark
University of Birmingham, United Kingdom

HIV, Aging and Inflammation: A Dangerous Trio
Alan Landay
Rush University Medical Center, United States

15:30 – 16:00

Afternoon Tea

16:00 – 17:00

Centenary Institute Public Lecture | Parkside Ballroom

Inflammation: a new approach to obesity and depression

Michael Mosley

17:00 – 18:30

Poster Session 1 | Exhibition, The Gallery

19:00 – 21:00

Student Function

9:00

Plenary 5 | Parkside Ballroom

Sympathetic Neuroimmunity in Obesity
Ana Domingos
Oxford University, United Kingdom

9:45

Plenary 6 | Parkside Ballroom

Activation of LINE1 transposons - new trigger of age-related inflammation
Vera Gorbunova
Rochester Aging Research Centre, United States
 Sponsored by The University of Queensland

10:30 – 11:00

Morning Tea | Exhibition, The Gallery

11:00 – 12:30

Morning Symposia 5
 T1: Immunotherapy

Morning Symposia 6
 T2: Pattern Recognition Receptors

Morning Symposia 7
 T2: Epigenetics & Gene Regulation

Morning Symposia 8
 T3: Metabolism & Microbiota

11:00 – 11:15

TNF in anti-tumour immunity and resistance to immunotherapy
Jane Oliaro
Peter MacCallum Cancer Centre, Australia

Connexin-dependent transactivation of phagocytes by cyclic GMP-AMP
Michael Gantier
Hudson Institute, Australia

The intergenerational burden of bacterial sepsis - evidence for an acquired and hereditary immunodeficiency
Florian Uhle
Heidelberg University Hospital, Germany

Lipid-associated macrophages control metabolic homeostasis in a Trem2-dependent manner
Diego Jaitin
Weizmann Institute Of Science, Israel

11:15 – 11:30

Unique myeloid populations found in solid tumours linked to patient response to Immunotherapy
Mainthan Palendira
Centenary Institute, Australia

Mitochondrial apoptotic signalling activates Caspase-3 and -7 to trigger NLRP3 inflammasome and Caspase-8 Driven IL-1 β activation
Kate Lawlor
Hudson Institute Of Medical Research, Australia

The transcription factor ATF3 interacts with chromatin remodelling protein BRG1 to regulate inflammation during Mycobacterium tuberculosis infection
Joyoti Basu
Bose Institute, India

Dendritic cell-specific deletion of LKB1 aggravates high-fat diet-induced insulin resistance in an AMPK-independent manner
Bruno Guigas
Leiden University Medical Center, Netherlands

11:30 – 11:45

A Novel Role of IL-22 in Regulating Epithelial MHC Class II Expression and Antigen Presentation during Viral Infection
Ran Wang
University Of Queensland, Australia

Understanding the signaling responses downstream of STING activation
Dominic De Nardo
Monash University, Australia

MicroRNAs of the miR-17~92 family inhibit macrophage activation and inflammation
Xiang Zhang
Institute for Immunology Tsinghua University, China

Impact of leptin and IL-33 on neutrophil extracellular trap (NET) formation in obese mice during sepsis
Elzbieta Kolaczowska
Jagiellonian University, Poland

11:45 – 11:50

THOR-809: An IL-2 engineered from an expanded genetic alphabet for the potential treatment of autoimmune (AI) disorders
Lauren Baker
Synthorx, Inc., United States

What is really happening during NOD signaling
Ueli Nachbur
Walter and Eliza Hall Institute, Australia

Identification of co-ordinated intron retention as a novel regulatory mechanism during the LPS response in macrophages
Tara Roberts
Western Sydney University, Australia

The impact of intestinal lymph leakage on adipose tissue expansion, inflammation and insulin resistance
Enyuan Cao
Monash University, Australia

11:50 – 11:55

Exploring a new venom biobank to quantitatively rank the inflammatory potency and new anti-inflammatory pathways using primary human leukocytes
John Miles
James Cook University, Australia

Class I PI3Ka isoform regulates NOD1/2 mediated bacterial amino acid sensing pathway and control gut homeostasis under inflammatory conditions.
Laura Medrano González
Queen Mary University Of London, United Kingdom

An investigation into the anti-inflammatory properties of the PXR1 and PXR3 isoforms of the Pregnane X Receptor
Jerusalem Alleyne
University of Tennessee Health Science Center, United States

IRF5 is a mediator of metabolic adaptation and inflammatory activation in circulating monocytes of type-2 diabetic patients
Jean-Francois Gautier
University Paris 7, France

11:55 – 12:00

CCL22 and Foxp3 are key mediators of the immunosuppressive properties of cancer-associated inflammatory signatures in pancreatic tumor microenvironment
Dakang Xu
Shanghai Jiao Tong University, China

Transactivation of The Receptor for Advanced Glycation Endproducts Mediates Inflammation Triggered by G-Protein Coupled Receptors
Carlos Rosado
Monash University, Australia

Anti-inflammatory functions of glucocorticoids in rheumatoid arthritis through epigenetic and transcriptional regulation of CCL17 production
Adrian Achuthan
University of Melbourne, Australia

The Response to TNF-Blockers Treatment of Spa Patients Is Influenced By the Interplay between HLA-B27 and Gut Microbiota Composition at Baseline
Corinne Miceli-richard
Université Paris Descartes, France

12:00 – 12:15

Tolerogenic CD40-deficient dendritic cells attenuate anti-myeloperoxidase glomerulonephritis by inducing regulatory B cells
Dragana Odobasic
Monash University, Australia

Caspase-4 and GBPs assemble the non-canonical inflammasome on cytosolic bacterium
Dave Boucher
University of Lausanne, Switzerland

Timely expression of key inflammatory genes during macrophage activation is mediated by coordinated splicing of nuclear detained intron-retaining transcripts
Justin Wong
Centenary Institute, Australia

The Role of NLRP6 Inflammasome and Microbiota in Gut Homeostasis and Susceptibility to the Pathogen Brucella Abortus Oral Infection
Angelica Vieira
Universidade Federal De Minas Gerais, Brazil

12:15 – 12:30

Correction of M-CSFR and Rank Overexpression On G551D-CFTR Osteoclast Precursor Monocytes by IVACAFTOR, a CFTR Potentiator.
Frédéric Velard
URCA, France

The mechanism of cytoplasmic signaling by Toll-like receptors
Bostjan Kobe
University Of Queensland, Australia

Epigenetic regulation of tumor-associated MDSC and Treg activity by the CBP/p300-bromodomain
Jane Grogan
Genentech, United States

Non-transcriptional function of TFEB in regulating mitochondrial homeostasis and inflammation
Nirmal Robinson
University Of South Australia, Australia

12:30 – 13:30

Lunch | Exhibition, The Gallery

13:30 – 15:30

Afternoon Symposia 4
 T1: Emerging therapeutics + Clinical Trials II

Afternoon Symposia 5
 T2: Mechanisms of Inflammation and New Pharmacological Targets

Afternoon Symposia 6
 T3: Neuroinflammation

13:30 – 14:00

Matt Sleeman
Regeneron Pharmaceuticals, United States

Immunomodulation of mature dendritic cells in Parkinson's disease: A novel role of intracellular Toll like receptors
Salvatore Cuzzocrea
University Of Messina, Italy

Neural Repair after Ischemic Brain Injury
Akihiko Yoshimura
Keio University, Japan

14:00 – 14:30

Emerging therapies for Diabetic Macular Edema, a complex vasogenic and inflammatory eye disease
Megan Baldwin
Opthea, Australia

Therapeutic efficacy and potential mechanisms of idebenone in colitis
Raj Eri
University of Tasmania, Australia

Neuro-immune interactions during inflammation
Connie Wong
Monash University, Australia

14:30 – 15:00

Emerging Therapeutics and Clinical Trials – Identifying Novel Biomarkers of Neutrophil targeting
Judith Field
CSL Innovation, Australia

GILZ a mediator of glucocorticoid anti-inflammatory effects
Carlo Riccardi
University of Perugia, Italy

The eye as a complex immune environment: an immunological window into the brain and meninges
Paul McMenamin
Monash University, Australia

15:00 – 15:30

Beyond type 2 cytokines in asthma: new target discovery from old clinical trials
Joseph Arron
Genentech, United States

Mechanism of action of the small molecule NLRP3 inflammasome inhibitor MCC950
Rebecca Coll
Queen's University Belfast, United Kingdom

Extracellular Vesicles in the Immunopathology of Infectious Diseases – the Examples of Cerebral Malaria and Sepsis
Georges Grau
University of Sydney, Australia

15:30 – 17:00

Afternoon Tea + Poster Session 2 + Drinks | Exhibition, The Gallery

18:00 – 19:30

Invited Speakers Dinner at Government House

9:00	Plenary 7 Parkside Ballroom Carola Vinuesa Australian National University, Australia			
9:45	Plenary 8 Parkside Ballroom Daniel Cua Merck, United States			
10:30 – 11:00	Morning Tea Exhibition, The Gallery			
11:00 – 12:30	Morning Symposia 9 T1: The Neuro-Immune Axis	Morning Symposia 10 T2: Immune Cells & Inflammation	Morning Symposia 11 T3: Rheumatology, Dermatology & Fibrosis	Morning Symposia 12 T3: Vascular Biology
11:00 – 11:15	Sensory Neurons Respond to Influenza Virus Infection and Alter Pulmonary Inflammation Kirsty Short University Of Queensland, Australia	Pro-inflammatory macrophages impair responses to acute muscle injury in the elderly Connie Jackaman Curtin Health Innovation Research Institute, Australia	Evolution of Pathogenic Autoantibody by Lymphoma Mutations in Rogue B Cell Clones Joanne Reed Garvan Institute Of Medical Research, Australia	Effect of Modulation of the Oxidative Stress Regulator Nrf2 on the NLRP3-Inflammasome, Macrophage Cytokine Production and Vascular Inflammation in Diabetic Mice: Therapeutic and Genetic Studies. Judy de Haan Baker Heart and Diabetes Institute, Australia
11:15 – 11:30	Cholinergic regulation of bone marrow vascular microenvironment influences hematopoietic stem cell mobilization Andrew Murphy Baker Heart And Diabetes Institute, Australia	Autocrine type I interferon induces the first 'break' in the TCA cycle of LPS-stimulated M1 macrophages Andrew Fleetwood University of Melbourne, Australia	Proteotoxic stress and Inflammation, a study on Proteasome-Associated Autoinflammatory Syndrome Sophia Davidson Walter And Eliza Hall Institute For Medical Research, Australia	Regulation of cellular cholesterol homeostasis modulates macrophage VEGF-C to promote efficient lymphatic drainage. Hwee Ying Lim National University Of Singapore, Singapore
11:30 – 11:45	CD8+ T lymphocytes contribute to the development of neovascularization in ischemic retinopathy Devy Deliyanti Monash University, Australia	Uncovering new roles for macrophage migration inhibitory factor (MIF) in inflammation and cell biology James Harris Monash University, Australia	Who is the culprit? Characterization of the IL-17 producing cells in Axial Spondyloarthritis Nicolas Rosine Hopital Cochin, France	Modulation of the cross-talk between NLRP3 inflammasome and endothelial transcription factor EB: a new strategy to halt inflammation and improve poor wound healing in diabetes. Francesco Squadrito University Of Messina, Italy
11:45 – 11:50	Cognitive impairment in an animal model of multiple sclerosis and its amelioration by glatiramer acetate Rina Aharoni Weizmann Institute of Science, Israel	Anti-inflammatory mechanisms of PDE4 inhibitors: Rolipram induces macrophage polarization from inflammatory (M1) to healing promoting (M2) phenotype through MKP-1 phosphatase Tiina Leppänen Tampere University, Finland	Blockade of A Disintegrin and Metalloproteinase 17 (ADAM17)/IL-6 Trans-signalling axis Ameliorates Pancreatitis Mohamed Saad Monash University - Hudson Institute, Australia	Selective Targeting of the NLRP3-inflammasome to attenuate diabetes-associated atherosclerosis Arpeeta Sharma Baker Heart and Diabetes Institute, Australia
11:50 – 11:55	Vascular senescence: A new target for treatment of neuroinflammation associated with Alzheimer's disease Ka Ka Ting Centenary Institute, Australia	Ptpn6 Inhibits IL-1 Release from Neutrophils by Regulation of Caspase-8- and RIPK3/MLKL-Dependent Forms of Cell Death Mary Speir Hudson Institute of Medical Research, Australia	New Therapeutic Strategies Using Nanocarriers Containing Propionic Acid in Experimental Allergic Contact Dermatitis Caroline Ferreira Universidade Federal De São Paulo, Brazil	Transcriptional and functional monocyte reprogramming in patients with familial hypercholesterolemia persists despite treatment with statins Siroon Bekkering Murdoch Childrens Research Institute, Australia
11:55 – 12:00	The role of inflammasomes and IL-1beta in sterile CNS damage and regeneration Yvonne Dombrowski Queen's University Belfast, United Kingdom	Investigating redemption of self-reactive B cells in an unmanipulated polyclonal repertoire Deborah Burnett Garvan Institute Of Medical Research, Australia	Adenosine A2a receptor blockade reduces fibrotic alterations through WNT/β-catenin signaling Natasha Irreza University Of Messina, Italy	The glomerular Endothelial Surface Layer (ESL) impedes monocyte recruitment but promotes neutrophil recruitment to the glomerulus Zhehao Paul Tan Monash University, Australia
12:00 – 12:15	Targeting platelets as a novel anti-inflammatory and neuroprotective approach for multiple sclerosis Jacqueline Orian La Trobe University, Australia	NK cells promote autoantibody-induced inflammatory arthritis through production of GM-CSF that is negatively regulated by the signalling suppressor CIS Cynthia Louis Walter And Eliza Hall Institute Of Medical Research, Australia	Fibulin-1c regulates transforming growth factor-beta activation in tissue inflammation and fibrosis Gang Liu University of Technology Sydney, Australia	Therapeutic knockdown of RIPK1 gene expression reduces NF-κB inflammation in macrophages and prevents atherosclerosis lesion development Denuja Karunakaran Institute For Molecular Biosciences, Australia
12:15 – 12:30	An antisense drug against cytosolic Phospholipase A2α for treatment and prevention the progression of neurodegenerative diseases Rachel Levy Ben-Gurion University of the Negev, Israel	CD4 T cells help CD8 T cells recognizing antigen expressed in the liver by increasing the number and function of effector CD8 T cells Patrick Bertolino Centenary Institute, Australia	Diabetes-mediated macrophage-fibroblast crosstalk through exosome transfer of mRNA-stabilizing protein adversely affects cardiac inflammation and fibrosis Prasanna Krishnamurthy University of Alabama at Birmingham (UAB), United States	Expression of the interleukin-3/receptor complex by breast cancer cells promotes vascular mimicry via a PI3K-dependent mechanism and is associated with poor outcome Claudine Bonder Centre For Cancer Biology, Australia
12:30 – 13:30	Lunch Exhibition, The Gallery			
13:30 – 15:30	Afternoon Symposia 7 T1: Infectious Diseases	Afternoon Symposia 8 T2: Immune tolerance Sponsored by Pfizer	Afternoon Symposia 9 T3: Organ-specific Inflammation	
13:30 – 14:00	Cellular and Molecular Mechanism of Arbovirus Pathogenesis: models to therapies Lisa Ng Singapore Immunology Network (SIgN), A*STAR, Singapore Sponsored by Paradigm Pharmaceuticals	Treg and NK Cells: Guardians of Immune Homeostasis Ethan Shevach Laboratory of Immune System Biology, United States	The local microenvironment drives the identity of tissue-resident memory T cells Laura Mackay University of Melbourne, Australia	
14:00 – 14:30	Suresh Mahalingam Griffith University, Australia	Ranjeny Thomas University of Queensland, Australia	UV radiation exposure, vitamin D and reduced progression of multiple sclerosis and autoimmunity Prue Hart Telethon Kids Institute, Australia	
14:30 – 15:00	Metabolic control of innate immune interactions in fungal infections Ana Traven Biomedicine Discovery Institute, Monash University, Australia	Jane Buckner Benaroya Research Institute, United States	Tim Johnson UCB, United Kingdom	
15:00 – 15:30	Rp105 promotes mycobacteria-induced type I interferon responses Antje Blumenthal University Of Queensland Diamantina Institute, Australia	Immunoregulation in glomerulonephritis as an archetype for autoimmune disease Richard Kitching Monash University/Monash Health, Australia	Bone destruction in arthritis and osteoimmunology Hiroshi Takayanagi University Of Tokyo, Japan	
15:30 – 16:00	Afternoon Tea Exhibition, The Gallery			
16:00 – 17:00	New Investigator Parkside Ballroom			
16:00 - 16:15	ICOSL.COMP: A Powerful Enhancer of Anti-Tumoral Responses Restored by Immune Checkpoint Inhibition. Amanda Sparkes Sunnybrook Research Institute, Canada			
16:15 - 16:30	A multi-component toxin from Bacillus cereus activates the NLRP3 inflammasome Anukriti Mathur Australian National University, Australia			
16:30 - 16:45	Dampened NLRP3-mediated inflammation in bats Matae Ahn Duke-NUS Medical School, Singapore			
16:45 - 17:00	IgE-mediated mast cell activation governs a novel chromatin landscape. Gokhan Cildir Centre For Cancer Biology, Australia			
17:00 - 17:30	IAIS Lifetime Achievement Award (30 min) Parkside Ballroom Macrophages, inflammation and pain- a journey from concept to clinic John Hamilton University of Melbourne, Australia			
19:00 – LATE!	Conference Dinner Grand Ballroom			

9:30

Plenary 9 | Parkside Ballroom

New Ways to Die: caspases, kinases and everything in-between.
Vishva Dixit
Genentech, Inc., United States

10:15

Plenary 10 | Parkside Ballroom

Elaine Holmes
Imperial College London, United Kingdom
The BUPA Supported Keynote Lecture

11:00 – 11:30

Morning Tea

11:30

Plenary 11: Joint WCI-AAVBM/AVBM Session | Parkside Ballroom

Killer Clones: Clonal hematopoiesis as a new causal risk factor for cardio-metabolic diseases
Ken Walsh
University of Virginia, United States
Sponsored by The University of Queensland

12:15

Plenary 12: Joint WCI-AAVBM/AVBM Session | Parkside Ballroom

Understanding Sterile Injury
Paul Kubes
University of Calgary, Canada

13:00 – 13:30

Closing Ceremony | Parkside Ballroom
Sponsored by Walter and Eliza Hall Institute