



Poster Session 2

Wednesday 30 November 2022

4:00pm - 5:30pm AEDT

Poster Number	Presenter Title	Presenter Given Name	Presenter Family Name	Affiliation	Theme/Subtheme	Paper Title	Abstract ID
1	Ms	Zahra	Abbas	The University of Western Australia#Teleton Kids Institute	Immunotherapies,Tumour immunology	Rationally designing immunotherapies for combination therapy in medulloblastoma	359
2	Ms	Rebecca	Abbott	WEHI	Immunotherapies,Tumour immunology	Novel human EGFRvIII-specific CAR T cells completely eliminate glioblastoma tumours	222
3	Ms	Rishika	Abrol	Institute for Molecular Bioscience	Infection & immunity,Inflammation,Innate immunity	Defining molecular mechanisms by which HDAC7 orchestrates inflammatory responses in macrophages	115
4	Ms	Syeda Farhana	Afroz	Institute for Molecular Bioscience (IMB), IMB Centre for inflammation and Disease Research and Australian Infectious Diseases Research Centre, The University of Queensland, St Lucia, QLD, Australia	Infection & immunity,Innate immunity	Molecular mechanisms of TLR-inducible mitochondrial fission orchestrating antimicrobial responses in macrophages	365
5	Mr	Tufael	Ahmed	School of Biomedical Sciences, The University of Queensland, Queensland 4072, Australia	Infection & immunity,Mucosal immunity	IL-33 induced neutrophilic inflammation and NETosis promotes type-2 inflammation in asthma	451
6	Prof	Vasso	Apostolopoulos	Victoria University, Institute for Health and Sport	Immunotherapies,Vaccines	From bench to bedside: What have we learnt in the last 25 years	22
7	Ms	Katherine	Audsley	Teleton Kids Institute#School of Biomedical Sciences, The University of Western Australia	Immunotherapies,Tumour immunology	Identifying novel therapeutic targets using a model of Fit3L-mediated tumour suppression	350
8	Miss	Samantha	Barnes	Teleton Kids Institute, The University of Western Australia#School of Biomedical Sciences, The University of Western Australia	Immunotherapies,Systems immunology	Identifying Novel Therapeutic Targets Using Multi-omics Profiling Of Natural Killer Cells With Enhanced Potency Against Leukaemia	101
9	Mrs	Jessica	Barnes	University of Newcastle, Callaghan, NSW, Australia#Hunter Medical Research Institute, New Lambton Heights, NSW, Australia	Infection & immunity,T cells	Stem-like Th22 Effector Cells Emerge at Mucosal Barriers During Bacterial Infection	224
10	Dr	Stacey	Bartlett	Mater Research Institute, Translational Research Institute, The University of Queensland	Infection & immunity,Innate immunity	A Blunted GPR183/Oxysterol Axis During Dysglycemia Results in Delayed Recruitment of Macrophages to the Lung During Mycobacterium tuberculosis Infection	320
11	Prof	James	Beeson	Burnet Institute, Melbourne, Australia#Department of Immunology and Pathology, Monash University, Melbourne, Australia#Department of Medicine, The University of Melbourne, Melbourne, Australia#Department of Microbiology, Monash University, Clayton, Australia	Infection & immunity	Neutrophils show distinct functional phenotypes in response to human malaria infection	321
12	Ms	Amy	Bleakley	Menzies School of Health Research, Darwin, Australia	Infection & immunity,Inflammation,Innate immunity,Mucosal immunity	Establishing models of RSV-pneumococcal co-infection to examine the effects of vitamin D on respiratory epithelial cells	449
13	Dr	Julia	Boehme	Infection Immunology Group, Institute of Medical Microbiology and Hospital Hygiene, Health Campus Immunology, Infectiology and Inflammation, Otto-von-Guericke University, Magdeburg, Germany#Immune Regulation Group, Helmholtz Centre for Infection Research, Braunschweig, Germany	Infection & immunity,Mucosal immunity	Resolved Influenza A virus infection rewires epithelial gene regulatory networks and antipneumococcal interferon responses in a bacterial strain-dependent manner	220
14	Miss	Rhiannon	Boiton	University of Queensland Diamantina Institute, The University of Queensland, Brisbane, QLD, Australia	Infection & immunity,Inflammation	Tissue-specific contributions of WNT production to inflammatory responses during severe systemic bacterial infection	570
15	Dr	Sabrina Sofia	Burgener	Institute for Molecular Bioscience, The University of Queensland	Infection & immunity,Inflammation,Innate immunity	Targeting NLRP3 inflammasome in disease	433
16	Ms	Aira	Cabug	Department of Microbiology and Immunology, The University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Victoria, Australia	Infection & immunity,T cells	Elevated expression of IL-18R on CD8+ T cells during severe influenza disease	317
17	Mr	Wang	Cao	Walter and Eliza Hall Institute of Medical Research	Infection & immunity,Mucosal immunity	The 'Gatekeeper' of the Intestine – Specialized Gut Cells Orchestrate Microbe-Immune Interactions	77
18	Ms	Cheok Weng	Chan	Cancer Immunology Program, Peter MacCallum Cancer Centre#Sir Peter MacCallum Department of Oncology, University of Melbourne	Immunotherapies,Tumour immunology	Flt3L and CD40L-expressing CAR T cell therapy drives activation of antitumour immunity to overcome tumour heterogeneity	416
19	Ms	Shubhra	Chandra	School of Pharmacy and Medical Sciences (PAM), Menzies Health Institute Queensland (MHIQ), Griffith University, Gold Coast Campus, QLD-4222	Immunotherapies,Vaccines	Developing a novel mRNA vaccine: ushering as a unique epoch for cancer immunotherapy.	21
20	Dr	Saion	Chatterjee	QIMR Berghofer#Queensland University of Technology (QUT)	Immunotherapies,T cells	Creating safer 'off-the-shelf' CAR T-cells	589
21	Ms	Sandra	Chishimba	Burnet Institute#Department Of Medicine, University of Melbourne	Infection & immunity	Neutrophils show distinct functional phenotypes in response to human malaria infection	321
22	Dr	Jasper	Cornish	Immunology Division, The Walter and Eliza Hall Institute of Medical Research#Department of Medical Biology, University of Melbourne	Human immunology,Inflammation	A NOVEL INBORN ERROR OF IMMUNITY CAUSED BY MUTATIONS IN NFKBID	357
23	Dr	Ryan	Cross	WEHI Medical Research	Immunotherapies,T cells,Tumour immunology	Understanding the role of different co-stimulation domains of second-generation chimeric antigen receptors in signalling using phosphoproteomics	545
24	Dr	Jennifer	Currenti	Yes	Immunotherapies,Tumour immunology	STOMics identifies response associated cellular neighbourhoods in Hepatocellular Carcinoma	483
25	Ms	Claire	Depew	University of California, Davis	Infection & immunity,T cells	Antigen independent inflammation and IL-2 and IL-1 cytokine signaling enhance CD4 TRM formation in the liver	240
26	A/Prof	Laura	Downie	Department of Optometry and Vision Sciences, The University of Melbourne	Human immunology,Inflammation	functional In Vivo Confocal Microscopy (fun-ivcm) Reveals The Dynamics Of Human Corneal Immune Cells In Health And Allergy Related Inflammation	192
27	Dr	Criselle	DSouza	Peter MacCallum Cancer Centre#Sir Peter MacCallum department of Oncology, University of Melbourne	Human immunology,Tumour immunology	Investigating the tumour and immune microenvironment of breast implant associated anaplastic large cell lymphoma using single cell RNA sequencing	279
28	Prof	Janet	Davies	Queensland Health	Human immunology,Infection & immunity	Queensland COVID-19 Vaccination (QoVax) Safety and Efficacy Trial Program: Mixed Dose 1 and 2 Study	379
29	Dr	Moritz	Eissmann	Olivia Newton-John Cancer Research Institute	Immunotherapies,Tumour immunology	STAT3 signalling in the tumour microenvironment promotes primary gastric cancer growth and metastasis formation	546
30	Ms	Moumita	Paul-Heng	Transplantation Immunobiology Research Group, Sydney Medical School, Faculty of Medicine and Health, The University of Sydney, New South Wales, Australia	Molecular Immunology,Transplantation	Transcriptome analysis supports deletion as a major mechanism of transplant tolerance induction following expression of allogeneic MHC class I in recipient hepatocytes	423
31	Mr	Sven	Engel	Department of Microbiology and Immunology at the Doherty Institute for Infection and Immunity, The University of Melbourne, Parkville, VIC, Australia#Institute of Innate Immunity, University of Bonn, Bonn, Germany	Infection & immunity,Innate immunity,Molecular Immunology	Molecular Mechanisms of Apoptosis Induction during Salmonella Typhimurium Infection	103
32	Dr	Maximilien	Evrard	Peter Doherty Institute	Infection & immunity,T cells	Deconvolution of circulating and resident memory T cells by single-cell protein expression profiling	41
33	Ms	Farnaz	Fahimi	Department of Physiology, Monash Biomedicine Discovery Institute, School of Biomedical Sciences, Faculty of Medicine, Nursing and Health Sciences, Monash University, Clayton, 3800, Victoria, Australia	Immunotherapies	Development of Anti CXCR1/2 Bispecific Antibody for Treatment of Solid Tumors	508
34	Dr	Kevin	Fenix	Discipline of Surgery, Adelaide Medical School, The University of Adelaide#The Basil Hetzel Institute for Translational Health Research, The Queen Elizabeth Hospital	Immunotherapies,Molecular Immunology	Proteomic characterisation of perhexiline mediated THP-1 M1 macrophage differentiation	306
35	Ms	Kia	Ferrell	School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Camperdown, NSW, Australia#Tuberculosis Research Program, Centenary Institute, Sydney, NSW, Australia#Sydney Institute for Infectious Diseases and the Charles Perkins Centre, The University of Sydney, Camperdown, NSW, Australia	Infection & immunity,Mucosal immunity	Deciphering the contribution of different macrophage subsets to protection against pulmonary M. abscessus infection	579
36	Miss	Kirsty	Field	Department of Microbiology and Immunology, Peter Doherty Institute for Infection and Immunity, University of Melbourne	Human immunology,T cells	Anatomical distribution of human $\gamma\delta$ T cell subsets	348
37	Ms	Isabelle Jia Hui	Foo	Department of Microbiology and Immunology, The University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Victoria, Australia	Infection & immunity,Inflammation,T cells	Perturbed immune responses towards influenza viruses are generated after arbovirus co-infection leading to exacerbated disease severity	229

38	Dr	Regan	Fu	Malaghan Institute of Medical Research, Wellington.	Immunotherapies,Tumour immunology	The Hypoxia-activated Prodrug Tirloxtotinib Amplifies The Therapeutic Efficacy Of Immune Checkpoint Inhibitors Via Multiple Mechanisms	184
39	Dr	Marta	Gabryelska	Millennium Science	Human immunology,Molecular Immunology	Towards Isoform Resolution Single-Cell Transcriptomics For Clinical Applications Using Highly Accurate Long-Read Sequencing	274
40	Miss	Catarina	Gago da Graca	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Australia.	Infection & immunity,T cells	B cells are required for optimal T cell priming following chronic infection	395
41	Mr	Bryan	Gardam	Adelaide Medical School, University of Adelaide, North Terrace, Adelaide, SA 5000, Australia	Immunotherapies,Tumour immunology	Detailed Analysis of Dendritic Cell Phenotypes in Glioblastoma Patients' Tumours and Peripheral Blood	73
42	Dr	Nicholas	Gherardin	The Peter Doherty Institute for Infection and Immunity	Human immunology,T cells	CD36 family members are TCR-independent ligands for CD1 antigen-presenting molecules	91
43	Dr	Sonia	Ghilas	Olivia Newton-John Cancer Research Institute, La Trobe University	Infection & immunity	Natural killer cells orchestrate type 1 conventional dendritic cell spatiotemporal repositioning toward CD8+ T cells	218
44	Dr	Jazmina Libertad	Gonzalez Cruz	The University of Queensland#Diamantina Institute	Immunotherapies,Tumour immunology	Adding a new string to our bow: Spatial transcriptomics to easy cancer treatment personalization	155
45	Dr	Emma	Grant	Department of Biochemistry and Chemistry, La Trobe Institute for Molecular Science, La Trobe University, Bundoora, Victoria 3086, Australia#Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria 3800, Australia	Human immunology,Infection & immunity,T cells	CD4+ T cell recognition of Haemagglutinin epitopes across different influenza strains	459
46	Ms	Bavani	Gunasegaran	The University of Sydney	Immunotherapies,Infection & immunity,T cells	Robust strategy for high dimensional immune signature analysis to inform patient outcome.	432
47	Miss	Kimberley	Gunther	Institute for Molecular Biosciences	Immunotherapies,Infection & immunity	Manipulating innate immune responses to combat antimicrobial resistance	86
48	Miss	Alice	Han	SAHMRI	Infection & immunity,Innate immunity,Vaccines	BCG vaccination of pregnant mice induces altered innate immune responses in the offspring	511
49	A/Prof	Diana	Hansen	The Walter and Eliza Hall Institute of Medical Research	Infection & immunity,Systems immunology	Integrated systems immunology approach identifies impaired T cell activation as a key feature of progression to severe dengue haemorrhagic fever	264
50	Ms	Leonie	Heyden	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Australia.	Infection & immunity,T cells	Identification of novel mediators of T cell function in chronic infection and cancer	227
51	Dr	Ghais	Houtak	University of Adelaide	Infection & immunity,Inflammation,Innate immunity,Molecular Immunology,Mucosal immunity	Eosinophilic Airway Inflammation Elicited By Staphylococcus Aureus Strains: Role In Chronic Rhinosinusitis	587
52	Ms	Anne	Huber	Olivia Newton-John Cancer Research Institute	Immunotherapies,Tumour immunology	PROOF OF PRINCIPLE THAT LOSS OF MISMATCH REPAIR PROTEIN REDUCES TUMOUR BURDEN IN MOUSE MODEL OF GASTRIC CANCER	83
53	Ms	Hannah	Hughes-Parry	Walter and Eliza Hall Institute#University of Melbourne	Immunotherapies,Tumour immunology	Chimeric Antigen Receptor T cell efficacy against brain tumours can be enhanced with dual-targeting receptors	221
54	Mrs	Randa	Issa	No	Antigen presentation,Tumour immunology	New molecular modalities in diagnosis of leukaemia	9
55	Ms	Tabinda	Hussain	Biomedicine Discovery Institute, Monash University	Infection & immunity,T cells	depletion Of Virtual Memory Cd8 T Cells With Lcmv Infection Results In Selective Retention Of More Functional, Less Senescent Cells	64
56	Prof	PARVEEN	JAHAN	Maulana Azad National Urdu University	Human immunology,Molecular Immunology	Predominant Pro-inflammatory environment with Diminished T-regulatory cells in Mid Gestation pregnant women with the history of RPL: A South Indian Study	528
57	Miss	Nazneen	Jahan	Monash University	Infection & immunity,Innate immunity	activation Of Cgas-sing Signalling Pathway In Response To Daptomycin Sensitive But Not Daptomycin Resistant Mrsa	130
58	Miss	Devi	Jenika	Department of Biochemistry and Pharmacology, The University of Melbourne, Bio21 Molecular Science and Biotechnology Institute, Parkville, VIC 3010, Australia.	Immunotherapies,Infection & immunity,Vaccines	In Vivo Assembly of Epitope-coated biopolymer particles that induce anti-tumor responses	48
59	Dr	Weidong	Jing	The Australian National University	Infection & immunity,Inflammation,Innate immunity	Clostridium septicum a-toxin activates the NLRP3 inflammasome by engaging GPI-anchored proteins	12
60	Ms	Jung Hee	Kang	Monash University	Immunotherapies,Innate immunity	The role of Type III interferon signalling in cDC1-targeting vaccination	549
61	Dr	Lukasz	Kedzierski	Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Melbourne, VIC 3000, Australia#Faculty of Veterinary and Agricultural Sciences, University of Melbourne, Melbourne, VIC 3000, Australia	Infection & immunity	In virus encephalitis, suppressors of cytokine signalling 4 and 5 are essential modulators of immune responses that mediate the balance between immunopathology and virus clearance.	117
62	Miss	Ashton	Kelly	Centre for Molecular Therapeutics, Australian Institute of Tropical Health and Medicine, James Cook University, Cairns, QLD, Australia	Human immunology,Innate immunity,Systems immunology	Understanding the molecular basis of immune heterogeneity using immunoproteomics and transcriptomics	441
63	Dr	Christina	Koenig	Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC, Australia#DFG (German research foundation) funded postdoctoral research fellow	Immunotherapies,Tumour immunology	Using CRISPR Activation Applications To Identify Novel Tumour Resistance Mechanisms Of Aggressive Lymphomas In CAR-T Cell Therapy.	187
64	Ms	Anita	Kral	Centre for Cancer Biology, University of South Australia and SA Pathology, Adelaide, Australia#SRClinical and Health Science, University of South Australia, Adelaide, Australia	Infection & immunity,Mucosal immunity	Inflammatory sensing by airway basal cells influences epithelial differentiation outcomes in vitro	510
65	Mrs	Brittany	Lavender	Malaghan Institute of Medical Research	Infection & immunity,T cells	Immune cell expression of CTLA-4 and tryptophan metabolism as markers of immunoregulation by <i>Necator americanus</i>	167
66	Ms	Hannah	Law	Kirby Institute, UNSW, Sydney	Human immunology,Systems immunology,Vaccines	Utilising pseudotime and trajectory analysis to reveal functional plasticity of human lymph node T follicular helper (Tfh) and Pre-Tfh cells	255
67	Mr	Huu Thanh	Le	Blacktown Clinical School and Research Centre School of Medicine, Western Sydney University#Storr Liver Centre, The Westmead Institute for Medical Research	Infection & immunity,Innate immunity	Gut bacteriophage-immune cell interactions drive phage-specific inflammatory responses	522
68	Miss	Shirley	Le	Department of Microbiology and Immunology, The Peter Doherty Institute, The University of Melbourne	Infection & immunity,T cells	Investigating the role of gd T cells and IL-4 following radiation-attenuated sporozoite vaccination	238
69	Mr	Samuel Liwei	Leong	Department of Biochemistry and Chemistry, La Trobe Institute for Molecular Science, La Trobe University, Bundoora, Victoria 3086, Australia	Human immunology,T cells	An investigation of HLA-B*18:01-restricted Influenza A virus derived T cell epitopes	461
70	Dr	Natalie	Lorenz	School of Medical Sciences, University of Auckland, Auckland, New Zealand#Maurice Wilkins Centre for Molecular Biodiscovery, University of Auckland, Auckland, New Zealand	Infection & immunity	The profile of circulating immunoglobulins and cytokines in Acute Rheumatic Fever patients	418
71	Mr	Joseph	Mackie	Garvan Institute of Medical Research#St Vincents Clinical School, Faculty of Medicine and Health, UNSW Sydney	Human immunology,Molecular Immunology	Insights into novel STAT3 inborn errors of immunity	285
72	Ms	Zoe	Magill	Biomedicine Discovery Institute, Monash University	Immunotherapies,Innate immunity	The off-target effects of BRAF inhibitors on dendritic cells	97
73	Dr	Elizabeth	Mann	University of Manchester	Infection & immunity,Inflammation,Mucosal immunity	Antibiotics Change The Immune Landscape In The Lung Inducing A Defective Response To Respiratory Infections	242
74	Ms	Jacqueline	Marshall	University of Technology Sydney#Centenary Institute of Cancer Medicine and Cell Biology	Infection & immunity,Inflammation,Mucosal immunity	Tuft cells regulate inflammation in the lung during influenza A virus infection	253
75	Dr	Anukriti	Mathur	Australian National University	Infection & immunity,Innate immunity	Clostridium perfringens secretes a lecithinase enzyme to activate inflammasome responses	39
76	Ms	Palak H	Mehta	RMIT University	Immunotherapies	Age-Related Impact of CD28 in CAR T Cell Generation	405
77	Miss	Lizeth	Meza Guzman	The Walter and Eliza Hall Institute#Department of Medical Biology, The University of Melbourne	Immunotherapies,Innate immunity	Cbl-b regulates the activation threshold of Natural Killer cells	493
78	Mr	Marcel	Michla	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, 792 Elizabeth Street, Victoria 3000, Australia	Infection & immunity,Inflammation,Innate immunity,Molecular Immunology,Immunometabolism	Voluntary wheel running-induced metabolic fuel flexibility boosts functionality of myeloid cells at the pulmonary barrier	580
79	Dr	Mark	Miles	School of Health and Biomedical Sciences, RMIT University, Bundoora, Victoria, Australia, 3083	Infection & immunity,Inflammation,Innate immunity	TLR7 contributes to excessive cellular recruitment and hyperinflammatory responses in the airways of RSV-infected mice resulting in airway hyperreactivity	294
80	Dr	James	Miller	Pacific Biosciences	Human immunology,Molecular Immunology	Towards Isoform Resolution Single-Cell Transcriptomics For Clinical Applications Using Highly Accurate Long-Read Sequencing	274
81	Mrs	Elahe	Minai	School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW, Australia#Illawarra Health and Medical Research Institute (IHMRI), Wollongong, NSW, Australia	Immunotherapies,Molecular Immunology,Tumour immunology	Turn up the heat on the cold immune microenvironment of Pancreatic cancer with neoadjuvant chemotherapy.	170

82	Dr	Laura	Moffitt	Centre for Cancer Research, Hudson Institute of Medical Research, VIC#Department of Molecular and Translational Sciences, Monash University, VIC	Immunotherapies,Tumour immunology	Enhanced anti-tumour immunity using a novel combination therapy in an ovarian cancer mouse model	269
83	Dr	Lachlan	Moldenhauer	The Robinson Research Institute and School of Biomedicine, The University of Adelaide, Adelaide, Australia.	Human immunology,T cells	Regulatory T cell proportion and phenotype are altered in women using oral contraception	122
84	Dr	Helen	Mostafavi	Menzies Health Institute Queensland, Griffith University	Infection & immunity,Inflammation	Interleukin-17 contributes to Ross River virus-induced arthritis and myositis	411
85	Mr	Roshan	Nepal	The University of Adelaide	Infection & immunity	Lysogenization of patient-derived S. aureus by hlb-converting bacteriophage (Sa3int) increases virulence and help them escape innate immunity	588
86	Dr	Garrett	Ng	University of Monash, Australia	Infection & immunity,Innate immunity	Mouse GBP1 is detrimental for the host during Burkholderia thailandensis infection	450
87	Ms	Minh-Hanh Thi	Nguyen	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne	Immunotherapies,Molecular Immunology,T cells,Tumour immunology	TARGETING EXHAUSTED T CELLS TO IMPROVE CONTROL OF CHRONIC LYMPHOCYTIC LEUKEMIA	44
88	Dr	Angela	Nguyen	Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton	Infection & immunity,T cells	Impaired primary CD8 T cell responses to influenza A infection in aged mice correlates with a loss of TCF-1HI stem-cell like CD8 T cells	278
89	Mrs	Lara	Oberkircher	University Hospital Bonn, Germany#University of Melbourne, Australia#University of Monash, Australia#SHIRTG2168	Infection & immunity,Innate immunity	Differential contribution of resident and infiltrating phagocytes in the defence against L. longbeachae	503
90	Mr	Andreas	Obers	Peter Doherty Institute	Infection & immunity,Mucosal immunity,Systems immunology,T cells	Intestinal TRM cell durability is shaped by danger signals originating from the local microenvironment	559
91	Ms	Dilara	Ozkocak	Department of Biochemistry and Chemistry / La Trobe Institute for Molecular Science	Immunotherapies,Infection & immunity,Inflammation,Innate immunity	Help from beyond the grave: how mesenchymal stem cell apoptotic bodies could stop inflammation	360
92	A/Prof	Mainthan	Palendira	Infection, Immunity and Inflammation Theme, Faculty of Medicine and Health, University of Sydney, Sydney, New South Wales, Australia#Melanoma Institute of Australia, North Sydney, New South Wales, Australia#Charles Perkins Centre, The University of Sydney, Sydney, New South Wales, Australia	Immunotherapies,Tumour immunology	lessons From Immunotherapy-induced Immune Related Adverse Events	102
93	Dr	Ee Shan	Pang	Biomedicine Discovery Institute, Monash University	Infection & immunity,Innate immunity	Discordance in STING-induced Activation and Cell Death Between Mouse and Human Dendritic Cell Populations	484
94	Dr	Andrea	Pavesi	IMCB A-star	Immunotherapies,T cells	G9a/GLP inhibition during ex-vivo expansion of engineered T cells increases in vivo cytotoxicity	23
95	Miss	Jess	Pedrina	Deakin University	Human immunology,Infection & immunity,T cells	Elucidating the role of ADAMTS proteoglycanases in influenza virus immunity	121
96	Miss	Helena	Peng	ACRF Translational Research Laboratory, Royal Melbourne Hospital, Melbourne, Australia#Faculty of Medicine, Dentistry and Health Sciences, University of Melbourne, Melbourne, Australia	Immunotherapies,T cells	T-cell Synapse Formation as a Determinant of Blinatumomab Efficacy	234
97	Mr	Louis	Perriman	The Fiona Eley Cancer Research Institute, Ballarat, Australia#Federation University, Ballarat, Australia	Human immunology,Infection & immunity,T cells	Immune regulation by unconventional T cells in patients with chronic lymphocytic leukemia	226
98	Miss	Halina	Pietrzak	WEHI#The University of Melbourne	Infection & immunity,T cells	Understanding the role of T-bet in the development of the Tfh memory response to malaria infection	175
99	Dr	Ana	Pires	Infection and Immunity, School of Medicine, Cardiff University, UK	Immunotherapies,Tumour immunology	A Failed Immune Response Following Treg-Depletion Drives Adaptation and Increased Proliferation of Tumour Cells	273
100	Mr	Ridwan	Rashid	School of Biomedical Sciences, The University of Queensland, Queensland 4072, Australia	Infection & immunity,Mucosal immunity	The maternal microbiome regulates infant respiratory disease susceptibility via intestinal FIT3L expression and dendritic cell hematopoiesis	477
101	Dr	Marc	Rigau	Department of Microbiology and Immunology at the Peter Doherty Institute for Infection and Immunity, The University of Melbourne, Parkville, Victoria 3010, Australia.#Cancer Immunology Program, Peter MacCallum Cancer Centre, Melbourne, Victoria 3000, Australia.#Sir Peter MacCallum Department of Oncology, University of Melbourne, Parkville, Victoria 3010, Australia.	Immunotherapies,T cells	Optimised gamma-delta T-cell Receptors for Targeting Cancer	178
102	Mr	Selwin	Samuel	Mater Research Institute	Infection & immunity,Inflammation,Innate immunity	Pathogen-Associated Molecular Patterns Exacerbate Neurogenic Heterotopic Ossifications after Spinal Cord Injury	59
103	Mr	Andrew	Sawyer	Yes	Infection & immunity,Inflammation	Spatial mapping of human lung tissue reveals granuloma diversity and histopathological superstructure in tuberculosis	485
104	Dr	Ismail	Sebina	QIMR Berghofer Medical Research Institute, Herston, Queensland 4006, Australia	Infection & immunity,Inflammation,Innate immunity,Mucosal immunity	Interferon lambda diminishes the severity of viral bronchiolitis in neonatal mice by limiting NADPH oxidase-induced PAD4-independent NETosis	501
105	Ms	Samreen	Shaikh	School of Biomedical Sciences, The University of Queensland	Infection & immunity	IL-6 trans signalling is beneficial following CNS infection	7
106	Miss	Kezia	Singgih	Department of Microbiology and Immunology, The University of Melbourne at the Peter Doherty Institute of Infection and Immunity, University of Melbourne, Parkville, Victoria 3010, Australia	Human immunology,T cells	the Role Of Butyrophilins In Regulating $\alpha\beta$ T Cell Responses	54
107	Dr	Archana	Singh	Deptt of biochemistry, All India Institute of Medical Sciences	Infection & immunity,Innate immunity	Influence of chronic hyperglycemia on macrophage dysfunctions in pulmonary tuberculosis	457
108	Miss	Chloe	Sligar	University of Wollongong	Human immunology,Inflammation,T cells,Transplantation,Tumour immunology	Therapeutic strategies to reduce graft-versus-host disease and retain graft-versus-leukaemia responses: Insights from humanised mice	316
109	Dr	Michael	Souter	The University of Melbourne	Human immunology,Infection & immunity,Structural immunology,T cells	Recognition of a novel riboflavin-based antigen delineates a unique MAIT cell phenotype in a blood donor.	437
110	Mr	Harrison	Sudholz	Monash University	Infection & immunity,Innate immunity	Core fucosylation is required for optimal IL-15 receptor signalling in natural killer cells	246
111	Dr	Jacqueline	Tearle	Garvan Institute of Medical Research, Darlinghurst#School of Medical Sciences, UNSW Sydney	Human immunology,Mucosal immunity	Mapping Rare IBD Pathologies at Single Cell Resolution	500
112	Ms	Hannah	Tompkins	University of Queensland Diamantina Institute, Faculty of Medicine, The University of Queensland, Woollongabba, QLD 4102, Australia.	Immunotherapies,Innate immunity	Targeting and eliminating paediatric sarcomas with enhanced NK cells	194
113	Ms	Kelly	Tran	Olivia Newton-John Cancer Research Institute, School of Cancer Medicine, La Trobe University	Immunotherapies,Mucosal immunity,Tumour immunology	Exploring CD8+ T cell differentiation in colorectal cancer	337
114	Ms	Nga	Truong	Centre for Cancer Biology, SA Pathology and University of South Australia, Adelaide, Australia#Cancer Clinical Trials Unit, Royal Adelaide Hospital, Adelaide, Australia	Immunotherapies,T cells	Anti PD-1 therapy in melanoma: identifying a potential tumour-homing T cell population that associates with clinical response	275
115	Dr	Carolien	van de Sandt	Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Melbourne, VIC 3000, Australia#Senior Author	Infection & immunity,T cells	Virus-specific CD8+ T cells across the human lifespan: a suboptimal reset for the elderly	137
116	Miss	Breana	Vitali	Telethon Kids Institute, Nedlands, WA, Australia#University of Western Australia, Crawley, WA, Australia	Immunotherapies,Tumour immunology	The time dependent immuno-biological events caused by surgery in solid tumours can increase response to immune checkpoint therapy.	569
117	Ms	Jessica B.	von Pein	Institute for Molecular Bioscience, The University of Queensland#IMB Centre for Inflammation and Disease Research, The University of Queensland	Infection & immunity,Innate immunity	Dual single-cell RNA sequencing to characterize molecular mechanisms of the macrophage zinc toxicity antimicrobial response against intracellular E. coli	144
118	Mrs	Bianca	von Scheidt	Cancer Immunology Program, Peter MacCallum Cancer Centre, Melbourne, Victoria, Australia	Immunotherapies,Tumour immunology	Enhancing CAR T cell therapy through bispecific antibodies targeting antigen-presenting cells	475
119	Ms	Yizhuo	Wang	Institute for Molecular Bioscience (IMB), The University of Queensland, Australia.#IMB Centre for Inflammation and Disease research, The University of Queensland, Australia.	Infection & immunity,Inflammation	Multiple roles of histone deacetylase 7 in the regulation of chronic inflammation and acute bacterial infection	435
120	Dr	Huimeng	Wang	The University of Melbourne#Guangzhou Medical University	Infection & immunity,Mucosal immunity	The balance of IL-12 and IL-23 determines the bias of MAIT1 versus MAIT17 responses during bacterial infection	446
121	Ms	Madeleine	Wemyss	Centre for Innate Immunity and Infectious Diseases, Hudson Institute of Medical Research#Department of Microbiology, Monash University	Infection & immunity,Innate immunity	Salmonella evades immunity to induce death in infected macrophages	420
122	Miss	Lifen	Wen	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Australia	Infection & immunity,T cells	The molecular mechanism of CD4 T cells maintenance in response to chronic infection	436

123	Miss	Karoline	Raven	Institute for Molecular Bioscience (IMB), IMB Centre for Inflammation and Disease Research and Australian Infectious Diseases Research Centre, The University of Queensland, St Lucia, QLD, Australia	Infection & immunity, Innate immunity	Exploring connections between mitochondrial fission and lipid droplets in macrophage inflammatory and antimicrobial pathways.	87
124	Ms	Sharanya	Wijesinghe	Department of Microbiology and Immunology, University of Melbourne and The Peter Doherty Institute for Infection and Immunity	Infection & immunity, Molecular Immunology, T cells, Tumour immunology	Regulators of intratumoural CD8 T cell heterogeneity and their role in anti-tumour immunity	377
125	Dr	Bruce	Wines	Immune therapies Laboratory, Burnet Institute, Melbourne, VIC, Australia#Life Sciences, Burnet Institute, Melbourne, VIC, Australia#Department of Immunology and Pathology, Central Clinical School, Monash University, Melbourne, VIC, Australia	Immunotherapies, Molecular Immunology, Tumour immunology	Fc modification enhances on target oligomerization and killing by complement.	361
126	A/Prof	Kanchana	Usuwanthim	Cellular and Molecular Immunology Research Unit, Faculty of Allied Health Sciences, Naresuan University, Phitsanulok 65000, Thailand	Tumour immunology	Oleamide-induced reprogramming of M2-to M1-like TAM phenotypes to limit breast cancer progression	13
127	Mr	Joshua	Wong	The University of Queensland	Immunotherapies, Innate immunity	development Of Novel Antibodies To Enhance Tumorcidal Functions Of Natural Killer Cells Against Solid Cancers	108
128	Mr	Quentin	Wright	The University of Queensland#Diamantina Institute	Immunotherapies, T cells	In vivo locoregional delivery of a dose sparing triple immunomodulatory drug combination results in complete CD8+ T cell-mediated cutaneous tumour rejection with no systemic toxicity.	389
129	Miss	Wanxiaojie	Xie	School of Chemistry and Molecular Biosciences, University of Queensland, Brisbane, Australia	Infection & immunity, T cells	Anti-viral Protection of CD4+ T cells against Gamma-Herpesvirus Infection	51
130	Miss	Erica	Yeo	Clinical and Health Sciences, University of South Australia, SA 5000	Immunotherapies, Tumour immunology	Improving the phenotype of GD2-specific CAR-T cells for the treatment of glioblastoma	35
131	Mr	Justin	Zhang	Monash Biomedicine Discovery Institute Department of Biochemistry and Molecular Biology, Monash University, Clayton, VIC, Australia	Infection & immunity, T cells	Re-evaluating the role of coreceptor: LCK association in T cell receptor signalling	162
132	Dr	Joe	Zhu	Cancer Immunology Program, Peter MacCallum Cancer Centre, Melbourne, Australia#Sir Peter MacCallum Department of Oncology, University of Melbourne, Melbourne, Australia	Immunotherapies, Tumour immunology	Engineering a TGF-β switch receptor enhances CAR-T cell function in a suppressive TGF-β-enriched tumor microenvironment	211
133	Dr	Timothy	Patton	Department of Microbiology and Immunology, University of Melbourne at Peter Doherty Institute for Infection and Immunity	Molecular Immunology, T cells	RIPK3 deficiency in mice leads to an accumulation of MAIT cells at steady state	265
134	Dr	Amar	Ranjan	AIIMS, NEW DELHI	Clinical immunology	CD5-negativity as a Prognostic Indicator in Mantle Cell Lymphoma	50
135	Dr	Kevin	Hendrawan	Drug Discovery Group, QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia#School of Biomedical Sciences, Faculty of Medicine, University of Queensland, Brisbane, QLD, Australia	Immunotherapies, T cells	Preliminary immuno-screening of natural products incorporating multicolour flow cytometry	636
136	Dr	Kevin	Man	Peter Doherty Institute of Infection and Immunology	Infection & immunity, Mucosal immunity, T cells	Understanding the role of non-lymphoid tissue resident memory T cells in the regulation of tissue homeostasis and systemic metabolism	632
137	Dr	Lara	Schwab	Department of Microbiology and Immunology, The University of Melbourne at the Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia#Institute of Clinical Chemistry and Clinical Pharmacology, University Hospital Bonn, Bonn, Germany	Infection & immunity, Innate immunity	Expression of a Functional Mx1 Protein Is Essential for the Ability of RIG-I Agonist Prophylaxis to Provide Potent and Long-Lasting Protection in a Mouse Model of Influenza A Virus Infection	630
138	Ms	Ramyashree	Prasanna Kumar	School of Biotechnology and Biomolecular Sciences, University of New South Wales.	Inflammation, Innate immunity, Immunometabolism	Role of eosinophils in adipose tissue in diet-induced obesity.	620
139	Miss	Natalie	Smith	School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia#Charles Perkins Centre, The University of Sydney, Sydney, Australia.#Ramacioti Facility for Human Systems Biology, The University of Sydney, Sydney, Australia.	Human immunology, immunotherapies, Molecular Immunology, Systems immunology, T cells, Tumour immunology, Immunometabolism	Altered Peripheral Immunity in Lung Cancer and Implications for Immune Checkpoint Inhibitor Therapy	402
140	Mrs	Jyostna	Batra	School of Biomedical Sciences, Faculty of Health, Queensland University of Technology	Infection & immunity	HLA-F-AS1 encodes for a micropeptide that suppresses tumor growth and metastasis in prostate cancer	681