



## Poster Session 1

Tuesday 29 November 2022  
1600 - 1730 AEST

Poster Number	Presenter Title	Presenter Given Name	Presenter Family Name	Affiliation	Theme/Subtheme	Paper Title	Abstract ID
1	Dr	Syed Faraz	Ahmed	University of Melbourne	COVID-19,T cells	Computational frameworks guide identification of T cell epitopes: COVID-19 and beyond	464
2	Mr	Yibeltal	Akelew	Debre MarkosUniversity	COVID-19	Immunomodulation of COVID-19 severity by helminth co-infection: Implications for COVID-19 vaccine efficacy	478
3	Ms	Arwaf	Alharbi	Hudson Institute of Medical Research#Monash University	Autoimmunity & tolerance,Innate immunity	A new class of TLR7 inhibitors to treat autoimmunity	536
4	Ms	Ruth	Allen	1. Infection, Immunity and Inflammation Theme, Faculty of Medicine and Health, University of Sydney, Sydney, New South Wales, Australia	Clinical immunology,Tumour immunology	Mapping the immune landscape of radiotherapy-responsive tumours using Imaging Mass Cytometry	573
5	Miss	Lilith	Allen	Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Melbourne, VIC 3000, Australia	COVID-19,T cells	SARS-CoV-2-specific T cell memory with common TCRab motifs is established in unvaccinated children who seroconvert after infection	498
6	Dr	Mariah	Alorro	QIMR Berghofer Medical Research Institute, Herston, Queensland 4006, Australia	Clinical immunology,Inflammation,Systems immunology	DP2 receptor antagonism ameliorates the severity of experimental COPD	476
7	Mrs	AISAH RESTI	AMELIA	Walter and Eliza Hall Institute of Medical Research, VIC 3052, Australia#The University of Melbourne, Department of Medical Biology, VIC 3052, Australia	COVID-19,Infection & immunity	Neutrophil heterogeneity and autoantibody-mediated NETosis in COVID-19 severity risk	442
8	Mrs	Mitra	Ashayeripannah	Department of Microbiology and Immunology, At The Doherty Institute of Infection and Immunity, The University of Melbourne, Melbourne, Victoria, Australia	Antigen presentation,Infection & immunity	Dendritic cells paralysis following systemic inflammatory response syndrome triggered by sepsis leads to immunosuppression	577
9	Ms	Carissa	Aurelia	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Victoria	COVID-19,Vaccines	IgG allotypes influence IgG subclass distribution to SARS-CoV-2 vaccination	305
10	Ms	Mariam	Bafit	Biomedicine Discovery Institute, Monash University	Haematopoiesis,Innate immunity	Dendritic Cell Development is Abrogated by Type I IFNs	467
11	Ms	Reema	Bajaj	Immune therapies Laboratory, Burnet Institute, Melbourne, VIC Australia, Australia	COVID-19,Immunotherapies,Molecular Immunology	Fc engineered ACE2-Fc is a potent multifunctional agent targeting SARS-CoV-2	380
12	Ms	Saoirse	Benson	Precision Medicine, South Australian Medical and Health Research Institute, North Terrace, Adelaide, SA 5000, Australia.#College of Medicine and Public Health, Flinders University, Bedford Park, SA 5042, Australia.	B cells,Vaccines	The gut microbiota influences both T-dependent and T independent B cell responses to the 13-valent pneumococcal conjugate vaccine, PCV13.	474
13	Ms	Melissa	Biemond	Walter and Eliza Hall Institute#University of Melbourne, Department of Medical Biology	Autoimmunity & tolerance,T cells	Short-cut to quiescence: PD-1 inhibits T cells by restricting their proliferation window	349
14	Mr	Akshay	Binayke	THSTI	COVID-19,Immunometabolism	proinflammatory Innate Cytokines And Metabolomic Signatures Predict The T Cell Response In Active Covid-19	142
15	Dr	Jess	Borger	Monash University	Education SIG	Getting To The Core Of Flow Cytometry	154
16	Dr	Erika	Bosio	Centre for Clinical Research in Emergency Medicine, Harry Perkins Institute of Medical Research#School of Biomedical Sciences, University of Western Australia#Medical School, University of Western Australia	Clinical immunology,Infection & immunity,Inflammation	A transcriptomic analysis of adult sepsis in the Emergency Department: Early neutrophil dysregulation, novel gene downregulation and transcriptomic heterogeneity.	562
17	Dr	Michelle	Boyle	Yes	Human immunology,Infection & immunity	Cytomegalovirus infection negatively impacts the development of adaptive immunity to Plasmodium falciparum malaria	491
18	Dr	Kerstin	Brinkmann	The Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia#The Department of Medical Biology, University of Melbourne, Melbourne, Australia	Autoimmunity & tolerance,B cells,Haematopoiesis	Surprisingly, MCL-1 is not essential for haematopoietic development but can be replaced by other pro-survival BCL-2 family members	544
19	Dr	Irina	Buckle	Mater Research Institute, Translational Research Institute, Brisbane, Australia	Autoimmunity & tolerance,Immunotherapies	Targeting RAGE using an oral RAGE antagonist to prevent Type 1 diabetes in NOD mice	489
20	Mr	George	Cavic	Yes, member number 5352	COVID-19,Vaccines	Response to COVID vaccines in patients on cancer therapy, in a SARS-CoV-2- naive population: The EVEREST study.	308
21	Miss	Clarissa	Chakma	Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University	B cells,Molecular Immunology	Determining the role of stimulation-induced H3.3S31ph in B cell subsets	127
22	Dr	Zhian	Chen	The University of Queensland Diamantina Institute Faculty of Medicine The University of Queensland Brisbane QLD Australia.	B cells,Molecular Immunology	The sulfation of heparan sulfate regulates IL-21 bioavailability and signal strength that control germinal centre B cell selection and differentiation	398
23	Miss	Rachel	Cheong	School of Clinical Sciences at Monash Health, Monash University	Autoimmunity & tolerance,Immunotherapies	Smith-specific TCR-Tregs successfully treat lupus nephritis in a humanised model of disease	329
24	Miss	Sharon	Clark	School of Medicine, The University of Western Australia, Perth, Western Australia, Australia.#Wesfarmers Centre of Vaccines & Infectious Disease, Telethon Kids Institute, Perth, Western Australia, Australia.	B cells,Infection & immunity	Otitis-Prone children have reduced Haemophilus influenzae Protein D specific memory B-cells, and increased T follicular helper cells compared to non-otitis-prone children	417
25	Ms	alison	clatch	Peter Doherty Institute	Human immunology,Immunotherapies,T cells	Whole-body analysis of tissue-resident immune cells	556
26	Mr	Alexander	Crawford	Garvan Institute of Medical Research	COVID-19,Vaccines	Adaptive Immune Responses to COVID19 mRNA Vaccines in Patients with Primary Antibody Deficiency	575
27	Prof	Janet	Davies	Queensland Health	COVID-19,Infection & immunity	QoVAX Program: Queensland statewide digitally-integrated biobank and linked data repository to track COVID-19 vaccine and health outcomes	371
28	Mr	Connor	Davis	School of Biological Sciences, Victoria University of Wellington	Autoimmunity & tolerance,Inflammation	The effect of a novel heparan sulfate mimetic on the inflammatory Blood-Brain Barrier endothelium	324
29	Mr	David	De George	St Vincents Institute, Melbourne, Australia	Autoimmunity & tolerance,T cells	Using RNA sequencing to uncover the role of interferon-signalling in regulating CD8+ T-cells in type 1 diabetes in NOD mice	109
30	Dr	Aakanksha	Dixit	Yes	Autoimmunity & tolerance,Inflammation	Protection against relapses of disease in a mouse model of multiple sclerosis by a parasite-derived 68-mer peptide	486
31	Ms	Alexandra	Dvorscek	Department of Immunology and Pathology, Monash University	B cells,Vaccines	T Cell-dependent B Cell Responses Are Shaped By The Amount, Affinity And Specificity Of Antigen-specific Antibody	202
32	Dr	Emily	Edwards	Allergy and Clinical Immunology Laboratory, Department of Immunology and Pathology, Central Clinical School, Monash University, Melbourne, VIC, Australia#The Jeffrey Modell Diagnostic and Research Centre for Primary Immunodeficiencies, Melbourne, VIC, Australia	Clinical immunology,Human immunology,Systems immunology	Combined immunodeficiency and impaired PI3K signalling in a patient with biallelic LCP2 variants	355
33	Mr	Peter	Eggenhuizen	School of Clinical Sciences, Monash Health	Autoimmunity & tolerance,T cells	Development of TCR Tregs for Goodpasture's Disease	310
34	Ms	Mahtab	Eivazi	University of Melbourne	Autoimmunity & tolerance,Clinical immunology,Human immunology,Inflammation,T cells	Repurposing FDA-approved drugs to ameliorate Rheumatoid arthritis	214
35	Mrs	Zahra	Elahi	University of Melbourne	Antigen presentation,Innate immunity	Developing in vitro and in silico models of human Dendritic Cell biology	40
36	Dr	Kieran	English	The Centenary Institute	Antigen presentation,T cells	The transfer of cognate CD4 help to intrahepatic CD8 T cells requires type 1 conventional dendritic cells in the liver	518
37	Mr	Anthony	Farchione	Immunology Division, Walter and Eliza Hall Institute of Medical Research, 1G Royal Parade, Parkville, Victoria, Australia#Department of Medical Biology, University of Melbourne, Parkville, Victoria, Australia	Autoimmunity & tolerance,Human immunology	quantifying T-cell Responses To Dissect Immune Dysregulation In Coeliac Disease	165
38	Miss	Rohia	Farighi	Department of Immunology and Pathology, Monash University	B cells,Clinical immunology,Human immunology,Transplantation	Defining the B cell response to lung allografts	319
39	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	Clinical immunology,Human immunology,Tumour immunology	Investigating the role of tumour-associated T cells in human colorectal cancer liver metastases.	351

40	Dr	Pablo	Fernandez De Canete Nieto	The University of Queensland Diamantina Institute, Translational Research Institute, Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia	Autoimmunity & tolerance,B cells,Human immunology	Human CD25+ follicular T cells produce IL-32 to regulate B cells	401
41	Mr	Shawn	Goh	Infection and Immunity Program & Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Australia.	Antigen presentation,Clinical immunology	Frankensteinian Modified Peptides: T Cell Recognition Of A Novel Penicillin Epitope In An Hla-a*02:01+ Patient	151
42	Mr	Lachlan	Gray	Garvan Institute of Medical Research, Sydney, NSW, Australia#Faculty of Medicine, University of New South Wales, Sydney, NSW, Australia	Autoimmunity & tolerance,Systems immunology	Investigating the influence of X chromosome inactivation on the female bias in autoimmune disease	197
43	Miss	Abigail	Grootveld	Precision Immunology Program, Garvan Institute of Medical Research#St Vincent's Clinical School, Faculty of Medicine, UNSW Sydney	Autoimmunity & tolerance,B cells	Cellular dynamics of tingible body macrophages locally activated by apoptotic cells in the germinal centre	82
44	Dr	Celine	Gubser	yes	Human immunology,Immunotherapies,Infection & immunity,T cells	Glucocorticoid-induced tumor necrosis factor related protein(GITR) stimulation enhances exhaustion of HIV specific CD8 T cells and CD4 T cell proliferation in chronic HIV infection.	517
45	Dr	Melinda	Hardy	Immunology Division, The Walter and Eliza Hall Institute, Parkville, Victoria, Australia#Department of Medical Biology, University of Melbourne, Parkville, Victoria, Australia	Autoimmunity & tolerance,Human immunology	PURIFIED OATS AVENIN INDUCES ACUTE INTERLEUKIN-2 RESPONSES IN COELIAC DISEASE BUT IS NOT PATHOGENIC AFTER EXTENDED INGESTION: IMPLICATIONS FOR OATS SAFETY	344
46	Ms	Jessica	Harte	Yes	Human immunology,Immunotherapies,Infection & immunity,Mucosal immunity,T cells,Tumour immunology,Vaccines	T cells expressing the chemokine receptors CXCR4 and CCR4 are enriched in the tumour of people with colorectal cancer	156
47	Ms	Gemma	Hartley	Department of Immunology and Pathology, Central Clinical School, Monash University, Melbourne, VIC, Australia	B cells,COVID-19	Double-dose mRNA vaccination to SARS-CoV-2 progressively increases recognition of Spike RBD-specific memory B cells to variants-of-concern	301
48	Dr	Priyanka Shirish	Hastak	Yes	Clinical immunology,COVID-19,Immunotherapies,Infection & immunity,T cells,Vaccines	COVID-19 mRNA vaccine response pre and post 3rd dose in an immunocompromised population	26
49	Ms	Ebene	Haycroft	The Peter Doherty Institute for Infection and Immunity	COVID-19,Human immunology,Infection & immunity	Altered affinity to ACE2 and reduced Fc functional antibodies to SARS-CoV-2 RBD variants	448
50	Ms	Somayyeh	Heidary	School of Medicine, Deakin University, Geelong, Victoria, Australia	Haematopoiesis,Human immunology	A zebrafish model of growth hormone insensitivity syndrome with immune dysregulation (GHISID)	152
51	Dr	Rehana	Hewavisenti	Immunovirology and Pathogenesis Program, The Kirby Institute, The University of New South Wales, Sydney, NSW, Australia	Human immunology,Infection & immunity,Molecular Immunology,Mucosal immunity,T cells,Tumour immunology	Tissue-Resident T Cells Responses In HIV+ Patients With Active HPV-Driven Anal Dysplasia	369
52	Dr	Danica	Hickey	Queensland University of Technology	Education SIG	Using Authentic Assessment for Understanding Complex Immunological Disease Pathways	548
53	Miss	Lin	Hsin	Department of Immunology and Pathology, Central Clinical School, Monash University, Melbourne, VIC, Australia	Clinical immunology,Molecular Immunology	Accurate detection of house dust mite sensitisation in asthma and allergic rhinitis with a single Cytometric Basophil assay (CytoBas)	327
54	Dr	U-Shane	Huang	Centre for Inflammatory Diseases, Department of Medicine, Monash University, Clayton, Victoria, Australia	Antigen presentation,Autoimmunity & tolerance,B cells,Immunotherapies,Inflammation,T cells	Inhibition of Leukocyte DNA release attenuates inflammation in experimental anti-neutrophil cytoplasmic antibody associated vasculitis	284
55	Dr	Lisa	Ioannidis	The Walter and Eliza Hall Institute of Medical Research	Human immunology,Infection & immunity	Identifying immunological signatures associated with the development of dengue haemorrhagic fever	268
56	Mrs	Randa	Issa	No	Autoimmunity & tolerance	T cell markers in systemic lupus erythematosus patient	8
57	Ms	Sedi	Jalali	Murdoch Children's Research Institute, Melbourne, Australia#Department of Paediatrics, University of Melbourne, Melbourne, Australia	Human immunology	High-dimensional immune cell profiling to understand how the immune system changes throughout life: implications for human disease.	100
58	Dr	Kevin	John Selva	Peter Doherty Institute for Infection and Immunity, Department of Microbiology and Immunology, The University of Melbourne	COVID-19,Mucosal immunity,Vaccines	Taste the difference: Characterizing salivary antibodies following COVID vaccinations and breakthrough infections	318
59	Mr	Kumail	Khan	Ingham Institute for Applied Medical Research	Autoimmunity & tolerance,Immunotherapies,T cells	Activation of Naive Treg With Autoantigen and rIL4 to Induce Autoantigen Specific Treg	542
60	Mr	Elan	L'Estrange-Stranieri	Leukocyte Signalling Laboratory, Department of Immunology and Pathology, Central Clinical School, Monash University	Autoimmunity & tolerance,Human immunology	Lyn expression is increased in lupus patients and is associated with immune cell activation and disease severity	280
61	Dr	Nathan	Lenehan	No	Clinical immunology,Human immunology,Infection & immunity,Inflammation	Kikuchi-Fujimoto disease: a rare cause of cervical lymphadenopathy and fevers.	537
62	Mr	Christian	Lobos	Monash University#Latrobe University	Antigen presentation,Human immunology,Molecular Immunology,T cells	Molecular insights into the HLA-B35 molecules' classification associated with HIV control	538
63	Ms	mengxiao	luo	The Walter and Eliza Hall Institute of Medical Research	Haematopoiesis,T cells	A tumour suppressor function for pro-survival BCL-2 proteins in the absence of thymic cell competition	298
64	Mr	Thiago	M. Steiner	University of Melbourne	Antigen presentation,Vaccines	Display of native antigen on cDC1 with spatial access to B And T cells underlies effective humoral response to vaccination	225
65	Miss	Kate	Maclean	Malaghan Institute of Medical Research	Clinical immunology,Human immunology	Clinical Safety and Tolerability of a Controlled Human Hookworm Infection Model	150
66	A/Prof	Siddhartha	Mahanty	The Doherty Institute	COVID-19,Human immunology,Vaccines	Characterisation of humoral and cellular responses to an mRNA and an adenovirus-vectored vaccine after two versus three doses of vaccinations for COVID-19 vaccines	385
67	Mr	Andrea	Maione	Institute of Molecular Medicine and Experimental Immunology, University Hospital Bonn, Bonn, Germany#The Department of Biochemistry and Pharmacology, Bio21 Molecular Science and Biotechnology Institute, The University of Melbourne, Melbourne Victoria	Autoimmunity & tolerance,B cells,Clinical immunology,Molecular Immunology	FVIII-albumin fusion proteins enhance the induction of Immune Tolerance towards coagulation Factor VIII in Haemophilia A mice	480
68	Dr	Felix	Marsh-Wakefield	Vascular Immunology Unit, School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia#Liver Injury and Cancer Program, Centenary Institute, Sydney, NSW, Australia#Human Cancer and Viral Immunology Laboratory, The University of Sydney, Sydney, NSW, Australia	Autoimmunity & tolerance,B cells,Human immunology	Peripheral B-cell dysregulation is associated with relapse after long-term quiescence in patients with multiple sclerosis	520
69	Dr	Craig	McKenzie	Department of Immunology and Pathology, Monash University	Clinical immunology,Human immunology	CytoBas: Precision component-resolved diagnostics for allergy using flow cytometric staining of basophils with recombinant allergen tetramers	339
70	Ms	Arti	Medhavy	John Curtin School of Medical Research, Australian National University	Autoimmunity & tolerance,B cells	Uncovering the genetic basis of IgG4-related overlap syndrome: role of a rare variant in the A20 pathway	201
71	Dr	Nicole	Messina	Infectious Diseases Group, Infection and Immunity theme, Murdoch Children's Research Institute, Parkville, Australia#Department of Paediatrics, The University of Melbourne, Parkville, Australia	COVID-19,Human immunology,Infection & immunity,Vaccines	Immunomodulatory Effects Of BCG Vaccination On Immune Responses To SARS-CoV-2: Immunological Insights From The BRACE Trial	219
72	Dr	Gabriela	Minigo	College of Health and Human Sciences, Charles Darwin University, Darwin, NT, Australia#Global and Tropical Health Division, Menzies School of Health Research, Tiwi, NT, Australia	Human immunology,Infection & immunity	Age intrinsic differences in innate immune cell responses to Plasmodium falciparum parasites	481
73	Dr	Julie	Monk	School of Clinical Sciences at Monash Health, Monash University	Autoimmunity & tolerance,Immunotherapies	Factors Influencing Patient Decisions to Donate Blood for Research into New Therapies for Systemic Lupus Erythematosus	315
74	Ms	Rhiane	Moody	School of Health and Biomedical Science, STEM College, RMIT University	Autoimmunity & tolerance,COVID-19	Yours, Mine and COVID-19's? B epitope similarities suggest how COVID-19 could trigger autoimmunity.	311
75	Dr	A K M	Muraduzzaman	Monash University	Antigen presentation,Infection & immunity,T cells,Vaccines	HLA-A*33:03-restricted CD8+ T cell immunity towards conserved determinants offers protection against highly pathogenic avian influenza A/H5N1	63
76	Miss	Yan Yung	Ng	Murdoch Children's Research Institute, Melbourne, Australia#Department of Paediatrics, University of Melbourne, Melbourne, Australia	Human immunology,Infection & immunity	Comparing the cell-specific innate immune response to RSV between preterm and term infants	313

77	Dr	Tina	Nguyen	Garvan Institute of Medical Research#St Vincent's Clinical School, UNSW Sydney	B cells,Human immunology	INBORN ERRORS LEADING TO OVERACTIVE PI3-KINASE SIGNALLING IMPAIR HUMAN LYMPHOCYTE DEVELOPMENT AND FUNCTION	428
78	Dr	Ursula	Norman	Monash University	Autoimmunity & tolerance,T cells	CD103 promotes prolonged interactions between regulatory T cells and CD11c expressing cells in the inflamed dermis	70
79	Dr	Nadya	Panagides	Yes	Antigen presentation,Immunotherapies	How does antigen presentation influence antibody discovery? A comparison of phage display biopanning methods	353
80	Ms	Pavitha	Parathan	Olivia Newton-John Cancer Research Institute, School of Cancer Medicine La Trobe University	Human immunology,Infection & immunity,Inflammation,Mucosal immunity,T cells	Expression of neurotransmitter receptor adrb1 on intraepithelial lymphocytes along the gastrointestinal tract during steady state and in disease	393
81	Ms	Devaki	Pilapitiya	Department of Microbiology and Immunology, University of Melbourne at The Peter Doherty Institute for Infection and Immunity	COVID-19,Mucosal immunity	Eliciting mucosal immunity to SARS-CoV-2 using recombinant influenza viruses	564
82	Ms	Aleha	Pillay	The University of Sydney	COVID-19,Vaccines	Assessment of the breadth of spike antibody mediated protection after COVID-19 vaccinations in patients with MS	382
83	Mr	Jack	Polmear	Department of Biochemistry and Molecular Biology, Monash University, Clayton, Victoria, Australia.#Immunity Program, Biomedicine Discovery Institute, Monash University, Clayton, Victoria, Australia.	B cells	Microenvironmental regulation of glycosyltransferases involved in antibody Fc glycosylation	128
84	Ms	Ruth	Purcell	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Victoria	COVID-19,Vaccines	IgG1 allotypes underlie variation in antibody titre following SARS-CoV-2 vaccination	352
85	Mr	Prateek	Rakesh	Ingham Institute for Applied Medical Research	Autoimmunity & tolerance,Transplantation	Comparison of immune cells populations in renal patients with long surviving renal transplants or end stage kidney failure to healthy volunteers	535
86	Mrs	Pradhupa	Ramanathan	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Victoria	Clinical immunology,COVID-19	The lucky few: ACE-2 polymorphisms and COVID-19	581
87	Dr	Amar	Ranjan	AIIMS, NEW DELHI	Clinical immunology	t(11;22) translocation in peritoneal malignancy	5
88	Ms	Nadia	Roberts	Yes	Autoimmunity & tolerance,Innate immunity	Liposomal drug delivery: targeting therapies for neuroinflammation	574
89	Dr	Michelle	Ruhle	Walter and Eliza Hall Institute	B cells,Molecular Immunology	The quantitative molecular regulation of B cell fate timers	396
90	Ms	Jessica	Runting	Department of Biochemistry and Molecular Biology, Biomedical Discovery Institute, Monash University, Clayton, Victoria, Australia	Autoimmunity & tolerance,Molecular Immunology,T cells	the Lysine Methyltransferase Dot1l is Critical For Regulatory T Cell Identity	141
91	Miss	Sandali	Seneviratne	Immunology and Infectious Disease Division, John Curtin School of Medical Research, Australian National University, 131 Garran Rd, Acton, 2601, ACT, Australia.	B cells,Structural immunology	A structural and functional approach to unravelling the role of IRF4 mutations in lymphoid malignancies	397
92	Ms	Chloe	Shepherd	Infection and Immunity Program & Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Australia.	Antigen presentation,Infection & immunity	Influenza antigen presentation in lung epithelial cells: a new pipeline for viral epitope discovery	61
93	Miss	Kate	Shepherdson	Robinson Research Institute, School of Biomedicine, The University of Adelaide	Autoimmunity & tolerance,T cells	IAZF1 shapes the metabolic landscape of human Treg	195
94	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.#Ramaciotti 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
95	Mr	Luban	Sobah	School of Medicine, Deakin University, Geelong#Institute of Mental and Physical Health and Clinical Translation (IMPACT)	Autoimmunity & tolerance,Molecular Immunology	Zebrafish model of hyper IgE syndrome caused by de novo Stat3 mutations	105
96	Prof	Razvan	Stan	Chonnam National University	Human immunology,Infection & immunity	Febrile temperatures modulate hemolysis caused by strains of Escherichia coli and Staphylococcus aureus	149
97	Dr	Isabelle	Stewart	Victoria University Wellington	COVID-19,Vaccines	Protein Vaccine Candidate based on the SARS-CoV-2 Spike Receptor Binding and N Terminal Domains Provides Protection in Mice against SARS-CoV-2 Variants of Concern	148
98	Miss	Jemma	Taitz	Yes	Autoimmunity & tolerance,Mucosal immunity	Impact of maternally derived gut bacterial extracellular vesicles on the offspring's developing immune system	555
99	Miss	Elean See Vun	Tay	School of Clinical Sciences at Monash Health, Monash University	Autoimmunity & tolerance,Human immunology	Intrarenal single cell sequencing in autoimmune vasculitis patients reveal novel disease mechanisms and biological targets	338
100	Miss	Hillary	TENE	Centre for research on emerging and reemerging diseases	COVID-19,Inflammation	PROFILING CYTOKINES RESPONSE AGAINST SARS-CoV 2 IN A CAMEROONIAN POPULATION	55
101	Dr	Rey	Tiquia	No.	COVID-19,Inflammation	Translating 'Wen bing' as Seasonal COVID-19 Pandemic in Australia	37
102	Dr	Zheng Quan (Ryan)	Toh	Murdoch Children's Research Institute	COVID-19,Infection & immunity	Comparison of antibody responses to SARS-CoV-2 variants in children, Australia	347
103	Dr	Stephanie	Trend	Perron Institute for Neurological and Translational Science, University of Western Australia, Perth, Australia.#Telethon Kids Institute, University of Western Australia, Perth, Australia	Autoimmunity & tolerance,B cells	A single cell multi-omics approach to investigate B cell dysfunction in early multiple sclerosis	513
104	Dr	Benita	Tse	Bowel Cancer and Biomarker Laboratory, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia.	Clinical immunology,Tumour immunology	Colorectal pre-cancers demonstrate reduction in innate immune cell densities	163
105	Miss	Cynthia	Turnbull	The John Curtin School of Medical Research	Autoimmunity & tolerance,T cells	DECTIN-1 as a modifier gene for CTLA-4 Haploinsufficiency	159
106	A/Prof	Sophie	Valkenburg	Yes	COVID-19,Human immunology,Vaccines	Immune priming conditions that shape the breadth of neutralizing antibody responses to sarbecoviruses.	504
107	Dr	Joris	Verster	Utrecht University	Clinical immunology,Human immunology	Sex differences in perceived immune fitness	250
108	Mr	MOSES	WAISWA	UGANDA DEVELOPMENT AND HEALTH ASSOCIATES	COVID-19,Infection & immunity	Serological surveillance after a COVID-19 vaccine campaign a retrospective study in Uganda	462
109	Miss	Greta	Webb	Malaghan Institute of Medical Research#University of Otago	Autoimmunity & tolerance,T cells	Teasing apart the roles of IL-4 during Th2 priming	248
110	Ms	Rosela	Webster	Department of Immunology and Pathology, Monash University	B cells	Plasma cell subsets are heterogeneous in survival potential and those with increased survival dominate the tissue compartment over time	392
111	Dr	Marcin	Wegrecki	Monash University	Autoimmunity & tolerance,Molecular Immunology,Structural immunology,T cells	Atypical recognition of human CD1a by autoreactive $\gamma\delta$ T cells	413
112	Dr	Alana	Whitcombe	School of Medical Sciences, University of Auckland, Auckland, New Zealand	Autoimmunity & tolerance,Infection & immunity	Development of a multiplex array to facilitate StreptA systems serology studies	529
113	Miss	Jacqueline	White	Immunology Division, Garvan Institute of Medical Research#St. Vincent's Clinical School, UNSW	Antigen presentation,B cells,Molecular Immunology	Structural Basis of Constant Region Positive Selection in the Germinal Centre	322
114	Mr	Cameron	Williams	Peter Doherty Institute for Infection and Immunity, University of Melbourne	B cells,T cells	Defining lymphocyte differentiation in the spleen during malaria with spatial transcriptomics at near single-cell resolution	576
115	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	COVID-19,Immunotherapies,Molecular Immunology	Fc engineered ACE2-Fc is a potent multifunctional agent targeting SARS-CoV-2	380
116	Dr	Ying	Wong	The University of Adelaide	Autoimmunity & tolerance,Molecular Immunology,T cells	The identification of genetic and epigenetic changes that contribute to Type 1 diabetes (T1D)	452
117	Miss	Jessica	Wu	School of Clinical Sciences, Monash Health	Antigen presentation,Clinical immunology,Human immunology,Immunotherapies,Molecular Immunology,T cells,Tumour immunology	An integrated genomic, proteomic, and immunopeptidomic approach to discover novel tumour neoantigens in an immunologically cold ovarian cancer for personalised T-cell receptor therapy	407
118	Miss	Zhijia	Yu	Immunology and Infectious Disease Division, John Curtin School of Medical Research, Australian National University, 131 Garran Rd, Acton, 2601, ACT, Australia.	B cells,Immunotherapies,Tumour immunology	IRF4 controls B1a cell expansion	414
119	Dr	Joseph	Yunis	The University of Queensland Diamantina Institute Faculty of Medicine The University of Queensland Brisbane QLD Australia.	Antigen presentation,Clinical immunology,Infection & immunity,T cells,Tumour immunology	High levels of soluble CD25 in COVID-19 severity suggest a divergence between anti-viral and pro-inflammatory T-cell responses	488

120	Ms	Sherin	Zachariah	The John Curtin School of Medical Research, Australian National University	Antigen presentation, Infection & immunity	A humanised TAP mouse model for studying immunity to herpes simplex virus	354
121	Mr	Pirooz	Zareie	Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria, Australia	Autoimmunity & tolerance, T cells	covalent Tcr-peptide-mhc Recognition Induces Low-affinity T Cell Activation And Central Tolerance	68
122	Miss	Xiaoyue	Zhang	Department of Microbiology and Immunology, Peter Doherty Institute for Infection and Immunity, University of Melbourne, Parkville, Victoria	Antigen presentation, Infection & immunity	effects Of Inflammation And Infection On MR1 Expression	120
123	Ms	Zong-Hong	Zhang	Immunovirology and Pathogenesis Program, The Kirby Institute, The University of New South Wales, Sydney, NSW, Australia#School of Medical Sciences and Cellular Genomics Future Institute, Sydney, NSW, Australia	Autoimmunity & tolerance, T cells	Single-cell multi-omics analysis of CD8+ T cells in coeliac disease	158
124	Miss	Yan	Zhang	Department of Biochemistry and Molecular Biology, Monash University	B cells, Infection & immunity	The role of MLL1 in Th2 cell-mediated immune response to helminth infection	66
125	Dr	Catherine	Zilberg	Department of Dermatology, Royal Prince Alfred Hospital	Clinical immunology, Human immunology, Transplantation, Tumour immunology	Characterisation of the tumour immune infiltrate in keratinocyte cancers from solid organ transplant recipients	534
126	Dr	Dimitra	Zotos	Department of Immunology and Pathology, Monash University	B cells, Human immunology, Transplantation	Understanding B Cell Responses Following Lung Transplantation	299
127	Dr	Alicia	Zou	Brain Autoimmunity Group, Kids Neuroscience Centre, Kids Research at the Children's Hospital at Westmead, Sydney, Australia#Specialty of Child and Adolescent Health, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia	Autoimmunity & tolerance, B cells	Single cell analysis reveals differential developmental trajectories of B cells in MOGAD	366
128	Mrs	Khalida	Perveen	The Robinson Research Institute and School of Medicine, University of Adelaide, Adelaide, SA, Australia#Department of Immunology, SA Pathology at Women's and Children's Hospital, North Adelaide 5006, South Australia, Australia	T cells	Role of PKC $\zeta$ levels and signaling in the development of immature Th2 biased neonatal T cells to those of Th1 propensity and regulation by omega 3 and omega 6 fatty acids	507
129	Ms	Sarah	Dart	The University of Western Australia, Perth, Australia	T cells, Education SIG	A three-pronged approach to teaching flow cytometry analysis	133
130	Mr	Tejas	Menon	Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Parkville, Australia.	Infection & immunity, T cells	Identification of influenza B virus HLA-B*07:02 and HLA-B*08:01 restricted CD8+ T cell epitopes	200
131	Dr	Oliver	Skinner	Garvan Institute of Medical Research & School of Clinical Medicine	Inflammation, Innate immunity, Systems immunology	Single-cell RNA sequencing reveals effects of bisphosphonate drugs on subpopulations of alveolar macrophages in vivo	205
132	Mr	Jesse	Mulder	Monash University	B cells, Infection & immunity	A Novel Model for Investigating the Regulation of Plasma Cell Survival	601
133	Mr	Kean Thai On	Chan Yew Poa	Infection and Immunity Program & Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria 3800, Australia	Antigen presentation, Structural immunology	Molecular insights into the recognition of lipid-based antigens by human Type II Natural Killer T cells	602
134	Dr	Mohammad Ameen	Al-Aghbar	Sidra Medicine	Antigen presentation, Innate immunity, Molecular immunology, T cells	Vitamin D3 Timing and Dosage Shapes Development of Tolerogenic Dendritic Cells	609
135	Dr	Catarina	Almeida	Department of Microbiology and Immunology, The Peter Doherty Institute for Infection and Immunity, The University of Melbourne, Melbourne, VIC, Australia	Antigen presentation, Human immunology	Identification of semi-invariant TRAV26+ and self-lipid reactive type-II NKT cells	617
136	Dr	Caroline	Soliman	Department of Microbiology and Immunology, The University of Melbourne at the Peter Doherty Institute for Infection and Immunity, Parkville, Victoria, Australia.	Antigen presentation, T cells	Characterisation of CD1c-restricted T cells recognising mycobacterial lipids	623



Poster Session 2

Wednesday 30 November 2022  
1600 - 1730 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	Telethon 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	Telethon 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 Immune, 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	Cheek 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	Dr	Holly	Chinnery	Department of Optometry and Vision Sciences, The University of Melbourne	Human immunology,Innate immunity	Functional <i>in vivo</i> confocal microscopy (Fun-IVCM) reveals dynamic changes to corneal immune cells after an acute inflammatory stimulus.	431
22	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
23	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
24	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
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	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	Dr	Camille	Guillerey	Mater Research - The University of Queensland	Human immunology,Innate immunity	Investigating immune checkpoint regulation of human Natural Killer cells	249
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	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
56	Miss	Nazneen	Jahan	Monash University	Infection & immunity,Innate immunity	activation Of Cgas-sting Signalling Pathway In Response To Daptomycin Sensitive But Not Daptomycin Resistant Mrsa	130
57	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
58	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
59	Ms	Jung Hee	Kang	Monash University	Immunotherapies,Innate immunity	The role of Type III interferon signalling in cDC1-targeting vaccination	549
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	Ms	Zoe	Magill	Biomedicine Discovery Institute, Monash University	Immunotherapies,Innate immunity	The off-target effects of BRAF inhibitors on dendritic cells	97
72	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
73	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
74	Dr	Anukriti	Mathur	Australian National University	Infection & immunity,Innate immunity	Clostridium perfringens secretes a lecithinase enzyme to activate inflammasome responses	39
75	Ms	Palak H	Mehta	RMIT University	Immunotherapies	Age-Related Impact of CD28 in CAR T Cell Generation	405
76	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
77	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
78	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
79	Dr	Marta	Gabryelska	Pacific Biosciences	Human immunology,Molecular Immunology	Towards Isoform Resolution Single-Cell Transcriptomics For Clinical Applications Using Highly Accurate Long-Read Sequencing	274
80	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

81	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
82	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
83	Dr	Helen	Mostafavi	Menzies Health Institute Queensland, Griffith University	Infection & immunity,Inflammation	Interleukin-17 contributes to Ross River virus-induced arthritis and myositis	411
84	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
85	Dr	Garrett	Ng	University of Monash, Australia	Infection & immunity,Innate immunity	Mouse GBP1 is detrimental for the host during Burkholderia thailandensis infection	450
86	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
87	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
88	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
89	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
90	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
91	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
92	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
93	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
94	Miss	Jess	Pedrina	Deakin University	Human immunology,Infection & immunity,T cells	Elucidating the role of ADAMTS proteoglycanases in influenza virus immunity	121
95	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 Blnatumomab Efficacy	234
96	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
97	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
98	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
99	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
100	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
101	Mr	Selwin	Samuel	Mater Research Institute	Infection & immunity,Inflammation,Innate immunity	Pathogen-Associated Molecular Patterns Exacerbate Neurogenic Heterotopic Ossifications after Spinal Cord Injury	59
102	Mr	Andrew	Sawyer	Yes	Infection & immunity,Inflammation	Spatial mapping of human lung tissue reveals granuloma diversity and histopathological superstructure in tuberculosis	485
103	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
104	Ms	Samreen	Shaikh	School of Biomedical Sciences, The University of Queensland	Infection & immunity	IL-6 trans signalling is beneficial following CNS infection	7
105	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
106	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
107	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
108	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
109	Mr	Harrison	Sudholz	Monash University	Infection & immunity,Innate immunity	Core fucosylation is required for optimal IL-15 receptor signalling in natural killer cells	246
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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

122	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
123	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
124	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
125	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
126	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
127	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
128	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
129	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
130	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
131	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- $\beta$ switch receptor enhances CAR-T cell function in a suppressive TGF- $\beta$ -enriched tumor microenvironment	211
132	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
133	Dr	Amar	Ranjan	AIIMS, NEW DELHI	Clinical immunology	CD5-negativity as a Prognostic Indicator in Mantle Cell Lymphoma	50
134	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
135	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
136	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
137	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





Poster Session 3

Thursday 1 December 2022  
1600 - 1730 AEDT

Poster Number	Presenter Title	Presenter Given Name	Presenter Family Name	Affiliation	Theme/Subtheme	Paper Title	Abstract ID
1	Mr	Mohammed	Abuwarwar	Biomedicine Discovery Institute, Department of Biochemistry and Molecular Biology, Monash University	Stromal immunology	T cell suppression by cancer-associated fibroblasts is driven by a TGFβ-dependent developmental switch	571
2	Mr	Tufael	Ahmed	School of Biomedical Sciences, The University of Queensland, Queensland 4072, Australia	Inflammation, Mucosal immunity	Maternal high fat diet predisposes the infant to systemic chronic inflammation and lung disease through IL-6 trans-signaling	262
3	Dr	Yannick	Alexandre	University of Melbourne	Stromal immunology	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity	129
4	Mr	Shoab	Anwaar	The University of Queensland Diamantina Institute, The University of Queensland	T cells, Tumour immunology	Manipulation of regulatory T cells: a promising strategy to prevent the establishment of Cutaneous Squamous Cell Carcinoma	300
5	Dr	Jesse	Armitage	Telethon Kids Institute, University of Western Australia, Perth, Australia	Systems immunology, Tumour immunology	Gene expression profiling of intratumoural T cells modulated by Flt3L unveils novel transcription factor networks underpinning anti-tumour immunity	422
6	Mr	Takahiro	Asatsuma	Peter Doherty Institute for Infection and Immunity#The University of Melbourne	Infection & immunity, T cells	Using CRISPR/Cas9 gene-editing technology to examine CD4+ T cell immune response against malaria infection	572
7	Dr	Annabell	Bachem	Peter Doherty Institute at the University of Melbourne	T cells	Improving CD8+ T cell-mediated melanoma control by targeting microbiota-derived metabolites	31
8	Ms	Katherine	Balka	Biomedicine Discovery Institute, Monash University	Inflammation, Innate immunity	Illuminating intracellular STING trafficking and degradation	469
9	Miss	Tejasvini	Bhuvan	Monash University	Mucosal immunity, Stromal immunology	The spleen is indispensable for the anti-inflammatory effects of MSCs in lung inflammation	394
10	Miss	Grace	Bidgood	Walter and Eliza Hall Institute of Medical Research#Department of Medical Biology, University of Melbourne	Inflammation, Innate immunity	SOCs1 induction by interferon gamma fails to regulate alternate cytokine signalling pathways	494
12	Dr	Garth	Cameron	The Peter Doherty Institute for Infection and Immunity	T cells	Glycolipids from the gut symbiont Bacteroides fragilis are agonists for Natural Killer T cells and induce their regulatory differentiation	134
13	Mr	Miguel	Castaneda	School of Medical Sciences, Faculty of Medicine and Health, University of Sydney	Infection & immunity, T cells	Immune Modulation by Gut Microbes and Short-Chain Fatty Acids in Colorectal Cancer	499
14	Ms	Shivali Savita	Chinni	RMIT University	Tumour immunology	Developing a Mouse Model for the Layered Impact of Ageing, Cancer, and Treatment on CAR T Cell Therapy	425
15	Mr	Sean	Cutter	La Trobe Institute for Molecular Sciences	Innate immunity, Immunometabolism	macrophage Activation And Metabolism In A 3d Collagen Model	196
16	Ms	Sarah	Dart	The University of Western Australia, Perth, Australia	Infection & immunity, Transplantation	Investigating the effects of immunosuppressive drugs on immune cells in transplanted organs	267
17	Miss	Vik Ven	Eng	Centre for Innate Immunity and Infectious Diseases, Hudson Institute of Medical Research#Department of Microbiology, Monash University	Infection & immunity, Mucosal immunity	RIPK1/3 regulates T cell responses in mucosal defence against bacterial gut infection	384
18	Ms	Tabinda	Hussain	Biomedicine Discovery Institute, Monash University	Infection & immunity, Mucosal immunity	helminth Infection-induced Increase In Virtual Memory Cd8 T Cells Is Due To Il-15-driven Proliferation, Not Differentiation, And Absent In Aged Mice	65
19	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 Typhimurium induces cIAP1 degradation to promote death in macrophages	391
20	Mr	Dominik	Schienstock	Department of Microbiology and Immunology, The University of Melbourne, The Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia	Infection & immunity, Systems immunology	Cecelia: Analysing immune cell responses across imaging scales	153
21	Dr	Nicky	de Weerd	Hudson Institute of Medical Research#Monash University	Innate immunity	Crosstalk enables type III interferon (IFN)-λ1 to use the type I IFN receptor for anti-viral activity in lung epithelial cells	465
22	Dr	Jieru	Deng	Peter Doherty Institute for Infection and Immunity	Mucosal immunity, T cells	Understanding the genesis of MAIT antigen from bacterial and mammalian metabolites	191
23	Mr	Vaibhav	Dhyani	Bioimaging and Data Analysis Lab, Department of Chemical Engineering, Indian Institute of Technology Hyderabad, Sangareddy, Telangana, INDIA#Optical Science Centre, Faculty of Science, Engineering & Technology, Swinburne University of Technology, Hawthorn, Australia	T cells	A pipeline for dynamic analysis of mitochondrial volume in developing T-cells	583
24	Dr	Maria del Pilar	Dominguez Rodriguez	Peter MacCallum Cancer Centre	Innate immunity, Tumour immunology	Anti-tumour activity of epigenetically activated plasmacytoid dendritic cells in leukemia	171
25	Ms	Elizabeth	Dunn	The Westmead Institute for Medical Research#Faculty of Medicine and Health, University of Sydney	Innate immunity, Vaccines	Investigating Vaccine Adjuvant Modes of Action in Human Lymph Nodes	512
26	Ms	Eleanor	Eddy	Department of Microbiology and Immunology, University of Melbourne at Peter Doherty Institute for Infection and Immunity	T cells, Tumour immunology	Killer MAITs: Investigating the cytotoxic capacity of MAIT cells towards tumours	400
27	Dr	Maike	Effern	University Hospital Bonn, Institute of Experimental Oncology, Bonn	T cells, Tumour immunology	Spatio-temporal context of T cell response during adoptive T cell immunotherapy for melanoma	58
28	Mr	Tarek	Elmzahi	Immunogenomics and Neurodegeneration, German Center for Neurodegenerative Diseases, Bonn, Germany; Department of Microbiology & Immunology, The Peter Doherty Institute for Infection and Immunity, The University of Melbourne, Melbourne, Victoria, Australia	Systems immunology, T cells	Transcriptional characterization of CNS T cells in health and disease	239
29	Dr	Fehintoluwa	Femi-Olabisi	Mountain Top University	Inflammation	Alpha-Lipoic Acid Regulates Pro-Inflammatory Cytokines and Hormones in Female Rats with Polycystic Ovary Syndrome	104
30	Dr	Gaoqian	Feng	Burnet Institute, Melbourne, Australia#Department of Immunology and Pathology, Monash University, Melbourne, Australia#Department of Medicine, The University of Melbourne, Melbourne, Australia	Vaccines	Induction, decay, and determinants of functional antibodies following vaccination with the RTS,S malaria vaccine in young children	172
31	Miss	Amelia	Fryer	Neuropharmacology Laboratory, Department of Biochemistry and Pharmacology, University of Melbourne	Inflammation	Small-molecule inhibition of stimulator of interferon genes (STING) alleviates acute neuroinflammation and neural damage in mild traumatic brain injury.	592
32	Dr	Tom	Fulford	Department of Microbiology and Immunology at the Peter Doherty Institute for Infection and Immunity, The University of Melbourne, Parkville, Victoria 3010, Australia.	Molecular Immunology, T cells	Butyrophilin 3A1 interacts with the Vγ9δ2+ T cell receptor	212
33	Miss	Sarah	Glass	Vanderbilt University Medical Center	Inflammation, Tumour immunology	Evaluation of DPEP1's role in immune cell interactions in colorectal cancer and inflammatory bowel disease	244
34	Ms	Rhiannon	Grant	Monash University, Mucosal Immunology Research Group, Department of Immunology and Pathology	Molecular Immunology, Mucosal immunity	p-cresol sulfate acts on epithelial cells to reduce allergic airway inflammation	532
35	Miss	Shalini	Guleria	Yes	T cells, Tumour immunology	Investigating the role of Regulatory T cells in breast cancer progression	526
36	Mr	Michael	Harris	Department of Biochemistry and Chemistry, La Trobe Institute for Molecular Science, La Trobe University, Melbourne, Australia	Inflammation, Tumour immunology	Smac mimetics stimulate TNFα production from immune cells to eliminate osteosarcoma metastases	126
37	Dr	Danika	Hill	Monash University	Systems immunology, Vaccines	Impaired HA-specific T follicular helper cell and antibody responses to influenza vaccination are linked to inflammation in humans	79
38	Dr	Lauren	Holz	The Peter Doherty Institute	Infection & immunity, Vaccines	Development of two novel malaria liver stage targeting vaccines	328
39	Miss	Xiaoyu	Hou	The University of Queensland Diamantina Institute, The University of Queensland	Systems immunology, Tumour immunology	Understanding the contribution of immature myeloid cells to early melanoma establishment	17
40	Ms	Amy	Hsu	Department of Immunology and Pathology, Monash University	Molecular Immunology, Mucosal immunity	The role of the tetraspanin CD53 in type 2 asthma responses	358
41	Dr	Qitong	Huang	Diamantina Institute, The University of Queensland#Walter and Eliza Hall Institute of Medical Research#Department of Medical Biology, University of Melbourne	Innate immunity, Molecular Immunology	GFI1 regulates FOXO1 to sculpt NK cell maturation and function.	302

42	Ms	Ziyi	Huang	Department of Biochemistry and Molecular Biology, Monash University, Clayton, Victoria, Australia	Tumour immunology,Vaccines	identification Of Shared Hla-i Peptides Presented By Pluripotent Stem Cells And Cancers: An Explanation For Stem Cell Induced Anticancer Immunity	132
43	Ms	Alessia	Hysa	Burnet Institute, Melbourne, Australia#Department of Medicine, The University of Melbourne, Melbourne, Australia	Infection & immunity,Vaccines	Antibody responses to polymorphic regions of the lead malaria vaccine antigen	257
44	Ms	Rachael	Ireland	School of Medical Sciences, The University of Sydney#Centre for Immunology and Allergy Research, The Westmead Institute for Medical Research	Inflammation	Local and systemic effects of narrowband UVB irradiation in mice	124
45	Dr	Daryan	Kempe	EMBL Australia, Single Molecule Science node, School of Medical Sciences, University of New South Wales, Sydney, Australia	Stromal immunology,T cells,Tumour immunology	Pancreatic ductal adenocarcinoma genotype shapes tumour infiltration efficiency of cytotoxic T lymphocytes	403
46	Dr	Sofia	Khanum	AgResearch, Palmerston North, New Zealand.	Vaccines,Veterinary and comparative immunology	Quantification of rumen methanogens using spectral flow cytometry	293
47	Mrs	Hyoyoung	Kim	School of Chemistry and Molecular Biosciences#The University of Queensland	Inflammation,Innate immunity	Structure-function analysis of TRAM/TRIF-dependent TLR4 signalling	368
48	Mr	Gavin	Koh	Department of Biochemistry and Molecular Biology, Biomedical Discovery Institute, Monash University, Clayton, Victoria, Australia	Molecular Immunology,T cells	Using super resolution microscopy to visualise epigenetic control of T cell fate.	217
49	Mr	Wei Yang	Kong	The University of Queensland Diamantina Institute, Faculty of Medicine, The University of Queensland, Woolloongabba, QLD 4102, Australia.	Molecular Immunology,T cells	Hoechst Staining Facilitates The Purification Of Rare CD4/CD8 Double-Positive T Cells From Aggregates Of Single-Positive T Cells	216
50	Miss	Thuy Trang	Lam	St. Vincent's Institute of Medical Research, Fitzroy, Victoria, Australia	Systems immunology,T cells	Regulation of early T cell development by Coronin 2a, a putative actin-cytoskeleton regulator	52
51	Prof	Hyun Seung	Lee	Institute of Allergy and Clinical Immunology, Biomedical Research Institute, Seoul National University Hospital	Inflammation,Innate immunity	The role of mTOR in Diesel Exhaust Particle induced asthma development in young and old aged mice	15
52	Prof	Kyoungh-Hee	Lee	Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Seoul National University Hospital	Inflammation,Molecular Immunology	The role of cereblin in the pathogenesis of chronic obstructive pulmonary disease	10
53	Dr	Georgia	Lenihan-Geels	Group of Immunology and Cell Biology, School of Biological Sciences, Victoria University of Wellington, New Zealand	Inflammation,Molecular Immunology	Mechanisms behind the heparan sulphate mimetic Tet-29 in a mouse model of multiple sclerosis	198
54	Mr	Edwin	Leong	Dept. of Pathology, Dalhousie University	Inflammation,Innate immunity	MAST CELL DEGRANULATION PRODUCTS MODULATE FIBROGENESIS AND RESOLUTION OF DERMAL FIBROSIS	241
55	Mr	Songyi	Li	The Peter Doherty Institute, The University of Melbourne	Infection & immunity,T cells	Insight into MR1T cell TCR specificity and recognition of MR1	443
56	Dr	Chun-Hao	Lu	Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan	Inflammation,T cells	Mechanism of Treg cells exerting antigen-specific immune suppression under UVB treatment: from patients to translational study	515
57	Ms	Kylie	Luong	Walter Eliza Hall Institute of Medical Research	T cells,Tumour immunology	Peptide-MHC-Targeting Chimeric Antigen Receptor T Cell forms a T Cell-like Immunological Synapse	334
58	Miss	Ziyuan	Ma	School of Biological Sciences, Nanyang Technological University	Inflammation,Innate immunity	Obesity affects the macrophage turnover kinetics in murine adipose tissue but not in the pancreas	206
59	Dr	Iris	Mair	University of Manchester	Infection & immunity,Veterinary and comparative immunology	Ecoimmunology as a holistic approach to investigate the immune response to parasite infection in a wild house mouse population naturally infected with Trichuris muris	140
60	Ms	Darya	Malko	Immunogenomics and Neurodegeneration, German Center for Neurodegenerative Diseases, Bonn, Germany; Department of Microbiology & Immunology, The Peter Doherty Institute for Infection and Immunity, The University of Melbourne, Melbourne, Victoria, Australia	T cells,Immunometabolism	Understanding regulatory T cell differentiation and function in non-lymphoid tissues	204
61	Mr	Jesse	Masson	Mater Research Institute	Innate immunity,immunometabolism	Macrophage colony stimulating factor (CSF1) increases liver macrophage content and restricts liver fat and glycogen accumulation without affecting fasting ketogenesis.	495
62	Prof	Stephen	McSorley	University of California, Davis	Tumour immunology,Veterinary and comparative immunology	Development of PD-1/PD-L1-specific monoclonal antibodies for canine oncology	25
63	Mr	Lewis	Newland	Department of Microbiology and Immunology, The University of Melbourne, The Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia.#Institute of Experimental Oncology (IEO), Medical Faculty, University Hospital Bonn, University of Bonn, Bonn, Germany.	T cells,Tumour immunology	Dissecting mechanisms of immune-mediated control of melanoma	94
64	Ms	Mariana Lizeth	Orozco Morales	School of Biomedical Sciences, University of Western Australia#National Centre for Asbestos Related Diseases	Stromal immunology,Tumour immunology	The mesothelioma tumour immune microenvironment differs between anatomical locations in preclinical models	553
65	Miss	Maleika	Osman	Peter Doherty Institute for Infection and Immunity	Infection & immunity,T cells	Differential role of CD4+ T cells in programming tissue-resident versus circulating memory CD8+ T cells.	565
66	Dr	Timothy	Patton	Department of Microbiology and Immunology, University of Melbourne at Peter Doherty Institute for Infection and Immunity	Mucosal immunity,T cells	Understanding the genesis of MAIT antigen from bacterial and mammalian metabolites	191
67	Ms	Moumita	Paul-Heng	Transplantation Immunobiology Research Group, Sydney Medical School, Faculty of Medicine and Health, The University of Sydney, New South Wales, Australia	T cells,Transplantation	Kb-restricted alloreactive CD8+ T cell repertoires share a common bias towards usage of specific TCR variable gene segments	288
68	Miss	Ruhi	Polara	Cellular Stress and Immune Response Laboratory, Centre for Cancer Biology, University of South Australia and SA Pathology, Adelaide	Innate immunity,Tumour immunology	CD47 regulates cellular and metabolic plasticity	509
69	Ms	rangsima	pongvattanaporn	Department of Immunology and Microbiology, University of Melbourne at the Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia.	Mucosal immunity,T cells	Understanding the genesis of MAIT antigen from bacterial and mammalian metabolites	191
70	Miss	Nicola	Principe	School of Biomedical Sciences, University of Western Australia#National Centre for Asbestos Related Diseases	T cells,Tumour immunology	T cells in the pleural effusion and peripheral blood of mesothelioma patients are phenotypically distinct	468
71	Mr	Shivam	Purohit	Yes	Mucosal immunity,T cells	Varicella Zoster Virus disruption of an ancient pathogen metabolite sensory and effector immune axis	524
72	Miss	Chau	Quang	Murdoch Children's Research Institute, New Vaccines Group, Parkville, Victoria, Australia#The University of Melbourne, Department of Paediatrics, Parkville, Victoria, Australia	Infection & immunity,Vaccines	Antibody subclass and Fc receptor-binding 6 years following single-dose HPV vaccination in Fijian adolescent girls	304
73	Dr	Sara	Quon	University of California-San Diego	Molecular Immunology,T cells	CTCF facilitates subset-specific chromatin interactions to regulate CD8+ T cell differentiation	46
74	Ms	April	Raftery	Department of Immunology and Pathology, Central Clinical School, Monash University	Innate immunity,Mucosal immunity	eosinophil Hyperactivity In Early-life Induces Lung Inflammation And Long-term Lung Defects	131
75	Mr	SAIJAN	RAJPOOT	Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Simrol, Indore-453552, India	Inflammation,Innate immunity	Targeting PKC $\delta$ -TIRAP-p38 signaling axis as a potential therapeutic strategy for Sepsis	14
76	Dr	Divya	Ramnath	Institute for Molecular Bioscience (IMB), The University of Queensland, Australia.#IMB Centre for Inflammation and Disease research, The University of Queensland, Australia.	Innate immunity,Immunometabolism	the Class IIa Histone Deacetylase Hdac7 Drives Tlr-inducible Glycolysis And Inflammatory Responses Via Distinct Mechanisms In Macrophages.	183
77	Dr	Lucille	Rankin	Walter and Eliza Hall Institute of Medical Research#University of Melbourne	Mucosal immunity,T cells,Immunometabolism	Understanding the molecular wiring of cell death pathways within tissue Tregs	370
78	Ms	Kaitlyn	Ritchie	LaTrobe University	Tumour immunology,Immunometabolism	The Role of Arginine Metabolism in Macrophage Phenotype and Tumour Immunity	552
79	Dr	Marcus	Robinson	Department of Immunology and Pathology, Monash University	Mucosal immunity	The mediastinal lymph node is the dominant site of IgE production in mouse allergic airway disease models	76
80	Ms	Grace	Rodrigues	Monash Biomedicine Discovery Institute#Department of Biochemistry and Molecular Biology	Mucosal immunity,T cells	regulation Of Tissue-specific Trm Cell Responses	181
81	Dr	Ina	Rudloff	Ritchie Centre, Hudson Institute of Medical Research, Melbourne, Victoria, Australia.#Department of Paediatrics, Monash University, Melbourne, Victoria, Australia.	Inflammation	Interleukin-37 employs multiple strategies to suppress inflammasome-mediated interleukin-1beta bioactivity and inflammation	89
82	Dr	Roland	Ruscher	Centre for Molecular Therapeutics, Australian Institute of Tropical Health and Medicine, James Cook University	Inflammation,Mucosal immunity	A high-throughput discovery pipeline identifies anti-inflammatory biologics from the secretome of hookworms	342

83	Dr	Brendan	Russ	Department of Microbiology, Immunity Theme, Biomedicine Discovery Institute, Monash University, Clayton	Molecular Immunology,T cells	Active maintenance of CD8+ T cell naivety through regulation of global genome architecture	272
84	Miss	Jascinta	Santavanond	La Trobe Institute for Molecular Science, La Trobe University	Innate immunity,T cells	Investigating the in vivo role of caspase-activated Pannexin 1 channels in immune cell migration	237
85	Mr	Jake	Scott	Cardiff University	Tumour immunology,Vaccines	Colonoscopy Guided Orthotopic Implantation of Colorectal Cancer Organoids as a Mouse Model for Testing Novel Immune Interventions	429
86	Mr	Alexander	Sedgwick	University of Melbourne	Molecular immunology,Tumour immunology	Characterising the expression and signalling properties of Nkp44-isoforms in Natural killer cell cytotoxicity	582
87	Dr	hee soon	shin	Korea Food Research Institute	Inflammation,T cells	Miqueliain from Rosae multiflorae fructus inhibits allergic responses in mice by suppressing CD4+ T cell proliferation.	174
88	Miss	Jessica	Smith	Clem Jones Centre for Regenerative Medicine, Bond University, Queensland 4229, Australia#Faculty of Health Sciences and Medicine, Bond University, Queensland 4229, Australia	Inflammation,Innate immunity	Prevalence and Distribution of Granulocyte Populations in Urinary Bladder Tissue	399
89	Miss	Maxine	Smith	Centre for Molecular Therapeutics, Australian Institute of Tropical Health and Medicine, James Cook University	Inflammation,Mucosal immunity	Utilising hookworm-derived recombinant proteins to alleviate inflammation during early life experimental colitis	409
90	Dr	Alex	Spencer	University of Oxford#University of Newcastle	T cells,Vaccines	Induction of organ specific immunity through vaccination with viral vectors	106
91	Mr	Blake	Sullivan-Hill	School of Biological Sciences, Victoria University of Wellington, New Zealand	Inflammation,Innate immunity	Building a macrophage-based screen for identifying novel immunomodulatory compounds	336
92	Dr	Sarah	Sutherland	Dendritic Cell Research Group, ANZAC Research Institute	Tumour immunology	Peripheral immune cells in localised and metastatic prostate cancer.	383
93	Dr	Christopher	Szeto	Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria 3800, Australia#Department of Biochemistry and Chemistry, La Trobe Institute for Molecular Science, La Trobe University, Bundoora, Victoria 3086, Australia	Molecular Immunology,Structural immunology	Covalent bond between T cell receptor and peptide lowers the threshold of activation	99
94	Mr	YEH FONG	TAN	Taiwan International Graduate Program in Molecular Medicine, National Yang Ming Chiao Tung University and Academia Sinica, Taipei, Taiwan	Inflammation,Innate immunity	The Role of HTR2A on Langerhans Cell in Skin Inflammation	20
95	Ms	Xiuying	Tang	Department of Anatomy and Physiology, School of Biomedical Sciences, The University of Melbourne, Parkville, Victoria, Australia	Inflammation,T cells	Using Vitamin A to treat ischemic retinopathies – harnessing effector functions of immunosuppressive regulatory T cells	343
96	Miss	Isis	Taylor	The University of Queensland Diamantina Institute	Inflammation,Innate immunity	Toll-like receptor 4 signalling events regulated by Toll-like receptor family member RP105	514
97	Mr	Daniel	Thiele	Biomedicine Discovery Institute, Monash University	Molecular Immunology,T cells	Age-related epigenetic changes associated with intrinsic CD8+ T cell dysfunction	266
98	Dr	Sara	Thygesen	The University of Queensland, School of Chemistry and Molecular Biosciences	Inflammation,Innate immunity	The ASC speck as a terminal stage of inflammasome function	445
99	Dr	Gergely	Toldi	University of Auckland	Vaccines	The association between parental and neonatal BCG vaccination and neonatal T helper 17 cell expansion	472
100	Ms	Katie	Treasure	Department of Nutrition, Dietetics, and Food, School of Clinical Sciences at Monash Health, Faculty of Medicine, Nursing and Health Sciences, Monash University, BASE Facility, Notting Hill, VIC, Australia.	Inflammation,Innate immunity	Macrophage Migration Inhibitory Factor (MIF) may be a molecular target for disruption of inflammatory pathways by the phytochemical sulforaphane	561
101	A/Prof	Kanchana	Usuwanthim	Cellular and Molecular Immunology Research Unit, Faculty of Allied Health Sciences, Naresuan University, Phitsanulok 65000, Thailand	Inflammation	An anti-inflammatory effect of 3-hydroxy- $\beta$ -ionone identified from Moringa oleifera Lam. leaves extract on Endothelial cells	256
102	Miss	Hannah	van der Woude	Department of Obstetrics, Gynaecology and Women's Health, University of Otago, Wellington, NZ	T cells,Tumour immunology	Ex vivo Culture of Patient-Derived Endometrial Cancer Tumour for Immunological Characterisation and Exploration of Novel Treatments	85
103	Mr	Rajan	Venkatraman	Department of Biochemistry and Molecular Biology, Monash Biomedicine Discovery Institute, Monash University, Clayton, VIC 3800, Australia	Innate immunity,Molecular immunology	Characterising the role of IKKe in STING signalling	473
104	Mr	Carl Ji Hao	Wang	Infection and Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria 3800, Australia	Structural immunology,T cells	illuminating The Chemical Space For MR1-restricted Ligands: A Binding Assay Using Fluorescence Polarisation	210
105	Mr	Naiqi	Wang	Yes	T cells,Vaccines,Immunometabolism	Ferroptosis-mitigating Glutathione peroxidase 4 (GPX4) is indispensable for the homeostasis and function of TFH cells.	236
106	Mr	Samuel	Widodo	Department of Surgery (RMH), The University of Melbourne	Innate immunity,Tumour immunology	CREB-regulated immunosuppression in the GBM tumour microenvironment	356
107	Dr	Kayla	Wilson	The University of Melbourne	Innate immunity,Molecular Immunology	The role and regulation of dendritic cell Flt3	303
108	Dr	Kirsty	Wilson	School of Health and Biomedical Science, STEM College, RMIT University	Innate immunity,Vaccines	Early immunomodulation by polystyrene nanoparticles at the genetic level in local lymph nodes	261
109	Miss	Xiaoting	Wu	School of Biological Sciences, Nanyang Technological University	Inflammation,Innate immunity	Lipid-accumulating microglia in Alzheimer's disease	208
110	Mr	Calvin	Calvin	Department of Microbiology and Immunology, The University of Melbourne at the Peter Doherty Institute for Infection and Immunity	T cells	Expansion of MAIT cells in the combined absence of NKT and gamma-delta T cells	362
111	Ms	Marina	Yakou	Olivia Newton-John Cancer Research Institute, School of Cancer Medicine La Trobe University	Mucosal immunity	Investigating the role of cytokines on IEL development and function in the context of cancer	550
112	Mr	Zhongming	Zhang	Department of Microbiology, Biomedical Discovery Institute, Monash University	Molecular immunology,T cells	Investigating the molecular mechanisms of histone arginine methylation during virus-specific CD8+ T cell differentiation	388
113	Miss	Yangnan	Zhang	St Vincent's Institute	T cells,Immunometabolism	Expression of the miR-17~92a cluster of microRNAs by Tregs controls blood glucose homeostasis	33
114	Miss	Kelin	Zhao	The Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia#University of Melbourne, Department of Medical Biology, Melbourne, Australia	Stromal immunology,T cells	Irreversible changes to the thymic epithelium are linked to impaired regeneration of the involuted thymus	363
115	Miss	Di	Zheng	Monash University	Mucosal immunity,Stromal immunology	Lymph node macrophages mediate the contralateral anti-inflammatory effects of extravascular MSC treatment	333
116	Ms	Ashleigh	Gould	Drug Discovery Biology, Monash Institute of Pharmaceutical Science, Parkville, Victoria, Australia	Human immunology,Mucosal immunity	Lower $\gamma\delta$ T cell frequency in the colonic mucosa is an immunological signature of Hirschsprung disease	95
117	Mr	Raymond	Qin	Division of Immunology, Walter and Eliza Hall Institute of Medical Research, Parkville, Victoria, Australia#Department of Medical Biology, University of Melbourne, Parkville, Victoria, Australia	Immunotherapies,Infection & immunity,T cells,Tumour immunology	Regulation of T cell migration by novel CXCR3 chemokine niche formation	364
118	Dr	Joris	Verster	Utrecht University	Clinical immunology,Human immunology	The impact of pain catastrophizing on perceived immune fitness	251
119	Miss	Olivia	Moscattelli	Walter and Eliza Hall Institute	Clinical immunology,Vaccines	Reduced IgM memory B cell function is common in coeliac disease but does not impair responses to pneumococcal vaccination	600
120	Mrs	Giulia	Iacono	Department of Immunology and Pathology, Central Clinical School, Monash University, Melbourne, Australia	Mucosal immunity,Transplantation	Multomics profiling of lung transplant recipients identifies molecular signatures linked to chronic lung allograft dysfunction	606
121	Dr	Anouk	von Borstel	Infection and Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton	COVID-19,Infection & immunity	Circulating Effector gamma delta T cell Populations are Associated with Severe Coronavirus Disease 19 in Unvaccinated Individuals	607
122	Ms	Ioanna	Gemuend	Systems Medicine, Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE), 53127 Bonn, Germany#Genomics and Immunoregulation, Life & Medical Sciences (LIMES) Institute, University of Bonn, 53113 Bonn, Germany#Department of Microbiology and Immunology, University of Melbourne, The Peter Doherty Institute for Infection and Immunity, 3010 Parkville, Australia	Systems immunology,T cells	Transcriptomic and epigenomic changes in early divisions of murine influenza-specific T cells	610
123	Dr	Yanran	Zhao	The Kirby Institute, UNSW	Human immunology,T cells	Functional characterisation and transcriptomic analysis of antigen-specific CD8 T memory stem cells (TSCM) generated from clonally expanded single TSCM cells in vitro	612
124	Ms	Keely	McDonald	The University of Melbourne	Infection & immunity,T cells	Molecular regulators of TRM cell-mediated immunity in the liver	614
125	Miss	Shamini	Srinivasan	The University of Western Australia	Immunotherapies,T cells,Tumour immunology	Identifying novel transcription factors to improve adoptive T cell therapy and enhance control of solid tumours	615

126	Miss	Clarice Zi Qi	Lee	Department of Microbiology and Immunology, The University of Melbourne, The Peter Doherty Institute for Infection and Immunity, Victoria, Australia.	T cells,Tumour immunology	Characterisation of MR1T cells with MR1-Ag tetramers	621
127	Mr	Vinicius Leonardo	Sousa Diniz	Interdisciplinary Post-graduate Program in Health Sciences, Cruzeiro do Sul University, Sao Paulo, Brazil#Curtin Medical School & Curtin Health Innovation Research Institute, Curtin University, Perth, Western Australia	T cells	Effect of leptin on lymphocyte differentiation and proliferation	624
128	Ms	THI HOAI THU	DO	Peter Doherty Institute for Infection and Immunity, Department of Microbiology and Immunology, University of Melbourne, VIC, Australia	B cells,Infection & immunity,Vaccines	Understanding antibody responses to the Influenza B Virus Neuraminidase	625
129	Ms	Rochelle	Sherlock	No	Autoimmunity & tolerance,Inflammation	Understanding the mechanisms regulating GILZ, a key determinant of immune responses	626
130	Dr	Sarah	Jones	Monash University	Autoimmunity & tolerance,Immunotherapies,Inflammation	Opposing regulation of the immune regulator, GILZ, by type I interferon and glucocorticoids	627
131	Ms	Lily	Cheang	Rheumatology Research Group, Monash University Centre for Inflammatory Disease, School of Clinical Sciences at Monash Health, 246 Clayton Rd, Clayton, 3168, Melbourne, Australia.	Autoimmunity & tolerance,Immunotherapies,Innate immunity	Steroid sparing role of dual toll-like receptors (TLR) 7/8 inhibition and glucocorticoid-induced leucine zipper (GILZ) upregulation: potential in autoimmune diseases	628
132	Ms	Taylah	Bennett	Rheumatology Research Group, Monash University Centre for Inflammatory Disease, School of Clinical Sciences at Monash Health, 246 Clayton Rd, Clayton, 3168, Melbourne, Australia.	Autoimmunity & tolerance,B cells,inflammation,Molecular immunology,T cells	A cellular map of regulation of GILZ, a key determinant of immunological responses and autoimmunity	629
133	Ms	Iolanda	Miceli	Monash University	Autoimmunity & tolerance,Inflammation	Investigation of E3-X as a negative regulator of GILZ: Towards a glucocorticoid replacement therapy	631
134	Dr	Karrnan	Pathmanandavel	The Garvan Institute of Medical Research	B cells,Human immunology	Single cell sequencing reveals novel IgE-switched B cells in patients with diverse inborn errors of immunity	635
135	Dr	Jessica	Da Gama Duarte	Olivia Newton-John Cancer Research Institute, and School of Cancer Medicine, La Trobe University, Heidelberg, Victoria, Australia	B cells,Immunotherapies	Predicting immunotherapy outcomes in rare cancers	603
136	Prof	Ian	Cockburn	Australian National University	B cells,Infection & immunity	Time, not affinity, drives the differentiation of plasmacells from the germinal center	604