Poster Session Tuesday 26th November

Poster Number	First Author	Paper Title	First Author Affilation	Session
1	Zichen He	Characterizing Cross-reactive Properties of the Antibody Response to Group A Streptococcus (GAS) and in Rheumatic Heart Disease	Garvan Institute of Medical Research	Autoimmunity
2	Hannah Morgan	Does JAZF1 maintain iTreg metabolic homeostasis?	Robinson Research Institute, School of BioMedicine, Faculty of Health and Medical Sciences, University of Adelaide, South Australia	Autoimmunity
3	Adrian Lee	Expression of the Ro52/TRIM21 autoantigen is associated with increased circulating apoptotic bodies in patients with Sjögren's disease	Westmead Institute for Medical Research	Autoimmunity
4	Iolanda Miceli	A novel E3 ligase of GILZ: validation of a steroid-sparing therapeutic target in SLE	Monash University	Autoimmunity
5	Shweta Venkataraman	Peripheral CD4 Th subset frequencies are sex-specific and associated with dietary and lifestyle factors in established Rheumatoid Arthritis	University of Canberra Research Institute for Sport And Exercise (UCRISE), Bruce, ACT, Australia	Autoimmunity
6	Kimberley Parkin	The impact of water quality on the development of the infant gut microbiome: a randomised controlled trial	Telethon Kids Institute, University of Western Australia	Autoimmunity
7	Jasen Elford	Repurposed Imatinib treatment improves cardiac pathology in rat autoimmune valvulitis model	University of New England	Autoimmunity
8	E Grant	EFFECTS OF NOVEL BTK INHIBITOR (−)-TAN-2483B ON INNATE AND ADAPTIVE IMMUNE CELLS	Centre for Biodiscovery, School of Biological Sciences, Victoria University of Wellington, New Zealand	Autoimmunity
9	Mogeshni Govender	Miller Fisher syndrome, Bickerstaff brainstem encephalitis and acute bulbar palsy in a patient in remission from Angioimmunoblastic T cell lymphoma	General medicine advanced trainee; Rheumatology consult registrar; La Trobe Regional Health, Victoria	Autoimmunity
10	Tessa Peck	How does heparanase inhibition promote disease recovery in multiple sclerosis models?	Victoria University of Wellington	Autoimmunity
11	Mahtab Eivazitork	Screening of the FDA-approved drug library identifies CCL17 inhibitors that block arthritic pain	Department of Medicine, Royal Melbourne Hospital, The University of Melbourne, Parkville, VIC 3052, Australia.	Autoimmunity
12	Stephanie Trend	A COMPREHENSIVE ANALYSIS OF VIRAL TRANSCRIPTS IN CIRCULATING B CELLS OF PEOPLE WITH MULTIPLE SCLEROSIS USING SINGLE CELL RNA-SEQ	Perron Institute for Neurological and Translational Science	Autoimmunity
13	Duan Ni	High fat low carbohydrate diet is linked to protection against CNS autoimmunity	The University of Sydney	Autoimmunity
14	Jennifer Chen	Identifying specificity of rogue T cell clones in type I refractory celiac disease	University of New South Wales/Garvan Institute of Medical Research	Autoimmunity
15	Caroline Giardina	Leveraging A20 modulation to enhance T cell immune response	Garvan, UNSW	Immunotherapies
16	Jessica Boulter	Exploring and exploiting the antigenic landscape of mesothelioma for cancer vaccine development	Institute for Respiratory Health, The University of Western Australia. National Centre for Asbestos Related Diseases, The University of Western Australia. Medical School, The University of Western Australia.	Immunotherapies
17	Peter Cuthbertson	Post-Transplant Cyclophosphamide Combined with Brilliant Blue G Reduces Graft-versus-Host Disease without Compromising Graft-versus-Leukaemia Immunity in Humanised Mice	University of Wollongong, Molecular Horizons and School of Chemistry and Molecular Bioscience, Wollongong, NSW	Immunotherapies
18	Xiao Jing Ong	CAR-T cell therapy as a promising therapeutic option for T-cell lymphoma	Cancer Immunology Program, Peter MacCallum Cancer Centre, Melbourne, VIC The Sir Peter MacCallum Department of Oncology, Faculty of Medicine, Dentistry and Health Science, University of Melbourne, Melbourne, VIC	Immunotherapies
19	Anna Iasinskaia	Mapping Age-Related Changes in Early Activation Events for T cells	School of Health and Biomedical Sciences, Royal Melbourne Institute of Technology (RMIT), Bundoora, VIC	Immunotherapies
20	Prerna Mudai	Molecular analysis of Toll-like Receptor 2 Signalling	School of Chemistry and Molecular Biosciences, The University of Queensland	Immunotherapies
21	Cheok Weng Chan	Leveraging Dendritic Cell Activation to Overcome Tumour Heterogeneity in CAR T Cell Therapy	1. Cancer Immunology Program, Peter MacCallum Cancer Centre, Melbourne, Victoria, Australia. 2. Sir Peter MacCallum Department of Oncology, University of Melbourne, Parkville, Victoria, Australia	Immunotherapies
22	Marina H Yakou	Harnessing γδ T cells as new immunotherapy targets in colorectal cancer	Olivia Newton-John Cancer Research Institute	Immunotherapies
23	David van Bockel	ENTPD-1 HAPLOTYPE PREDICTS ANTIGEN-SPECIFIC T-CELL RESPONSES DURING HUMAN PAPILLOMAVIRUS (HPV) IMMUNOTHERAPY BUT NOT CLINICAL OUTCOME	Kirby Institute	Immunotherapies
24	Andrew A. Almonte	Early T Cell Infiltration Correlates with Anti-CTLA4 Treatment Response in Murine Cancer Models	Australian National University AND Gustave-Roussy Cancer Campus Grand Paris	Immunotherapies
25	Manisha S Patil	Remibrutinib modulates trans-endothelial migration of leukocyte subsets across an in vitro blood-brain barrier model	University of Sydney	Immunotherapies
26	Kunyu Li	Expression of a p53 isoform âˆ†122p53 enhances anti-tumour immune response in a mouse model of melanoma	University of Otago	Immunotherapies
27	Kofi Stevens	Copper that! Can copper-binding drugs make immune-boosting therapy more effective in mesothelioma?	Centre for Respiratory Health, National Centre for Asbestos Related Diseases, University of Western Australia	Immunotherapies
28	Elena Shklovskaya	COMBINATION IMMUNE CHECKPOINT BLOCKADE TRAINS IMMUNOLOGICAL MEMORY TO CONTROL TUMOUR IMMUNE ESCAPE VARIANTS	1Macquarie Medical School, Faculty of Medicine, Health and Human Sciences, Macquarie University, Sydney, NSW, Australia; 2Melanoma Institute Australia, The University of Sydney, Sydney, NSW, Australia	Immunotherapies
29	Sarah Wilkey	Amyloid precursor protein is a potential novel immunosuppressive target in high-grade serous ovarian cancer	University of Queensland School of Biomedical Sciences	Immunotherapies
30	Kha Phan	Voltage-gated T-type calcium channel blockers reduce apoptotic body-mediated SARS-CoV-2 cell-to-cell spread and subsequent cytokine storm	Department of Biochemistry and Chemistry, Research Centre for Extracellular Vesicles, La Trobe Institute for Molecular Science, La Trobe University, Melbourne, VIC 3086, Australia	infection & immunity

31	Rishika Abrol	Histone deacetylase 7 is essential for lipopolysaccharide-inducible mitochondrial fission in macrophages	Institute for Molecular Bioscience, The University of Queensland	infection & immunity
32	Maryam Shojaei	How your blood's response shows just how serious your COVID-19 drama is!	University of Sydney	infection & immunity
33	Kimberley S. Gunther	Manipulating the pentose phosphate pathway as a dual anti-inflammatory and anti-infective approach	Institute for Molecular Bioscience, University of Queensland, Brisbane, QLD	infection & immunity
34	Mehdi Sharifi Tabar	Discovery and characterisation of a major epigenetic regulator of antiviral immunity	University of Sydney, Sydney, NSW, Australia	infection & immunity
35	Riley Easton	Investigation of micro-RNA-652 and its role in the Immune response to Influenza	UTS, Centenary Institute	infection & immunity
36	Eric Alves	HIV-1 Adapts to HLA Class II-Associated Selection Pressure	School of Human Sciences, University of Western Australia, Crawley, WA, Australia	infection & immunity
37	Mohammad Raguib Munif	Investigating the role of streptococcal inhibitor of complement in the immunopathogenesis of post-streptococcal glomerulonephritis	School of Science & Technology, University of New England, New South Wales, Australia	infection & immunity
38	Evelyn Huang	Targeting the metabolism of the persistent Mycobacterium tuberculosis as a novel method of eradicating the pathogen	Bio21 Molecular Science and Biotechnology Institute	infection & immunity
39	Naomi Truong	Understanding the initial and progressive interactions of Herpes simplex virus with Langerhans cells and dendritic cells in human genital mucosa	Westmead Institute for Medical Research, Westmead, NSW	infection & immunity
40	Karoline D. Raven	Mitochondrial fission-inducible lipid droplets in macrophage antimicrobial responses.	Institute for Molecular Bioscience (IMB), The University of Queensland	infection & immunity
41	Rovin Verdillo	Interleukin-6 and interferon-alpha differentially regulate microglia function	School of Life and Environmental Sciences and Charles Perkins Centre, The University of Sydney, Sydney, NSW, Australia	infection & immunity
42	Bing-Ru Wu	Single cell heterogeneity in Adamts7 knock-out (KO) mice shapes the antiviral response to influenza infection.	School of Medicine, Faculty of Health, Deakin University, Waurn Ponds	infection & immunity
43	Xiaonan Zhang	An immunocompetent mouse model for chronic and resolved hepatitis B virus infection	University of Canberra	infection & immunity
44	Bavani Gunasegaran	Comparative analysis of HMC3 and C20 microglial cell lines reveals differential myeloid characteristics and responses to immune stimuli	Macquarie University	infection & immunity
45	Yizhuo Wang	ESTABLISHING A MOUSE MODEL OF FEMALE CHLAMYDIA TRACHOMATIS GENITAL TRACT INFECTION	Queensland University of Technology	Infection & immunity
46	Caroline Ashley	Optimisation of a multiplexed, high throughput assay to measure neutralising antibodies against SARS-CoV-2 variants.	University of Sydney	infection & immunity
47	A'qilah Banu binte Abdul Majeed Clarke	Establishing the Gold-Standard Murine Model of Idio	University of Technology Sydneyand Centenary Instit	infection & immunity
48	Chhon Ling Sok	Butyrophillin-like molecules bind a broad repertoire of $i^{3}i^{-}$ TCRs	Monash University	mucosal
49	Rachael FitzPatrick	Eosinophils respond to, but are not essential for control of an acute Salmonella enterica serovar Typhimurium infection in mice	University of Victoria	mucosal
50	Thomas R O'Neil	An in situ quantitative map of mononuclear phagocytes across inflamed and uninflamed human mucosal tissue using high parameter imaging platforms	School of Medical Sciences, The University of Sydney; Centre for Virus Research, Westmead Institute for Medical Research	mucosal
51	Sarah Gillert	Persistence of fate-mapped CD8+ intraepithelial lymphocytes in specific pathogen-free and microbially enriched environments	Centre for Molecular Therapeutics, Australian Institute of Tropical Health and Medicine, James Cook University, Cairns, QLD	mucosal
52	S Ochiai	Allergic skin inflammation drives IL-4-dependent differentiation of CD11b-low cDC2s	Malaghan Institute of Medical Research	mucosal
53	Helen Chen	Development of a 'dirty' mouse model to understand host response to infection and vaccination in humans.	Univeristy of Sydney	mucosal
54	Caitlin Brown	Aspergillus exposure protects against Influenza-induced lethality in mice	Malaghan Institute of Medical Research	mucosal
55	Jessica Braverman	S. aureus neonatal colonisation leads to the expansion of S. aureus reactive CD4+ T cells	University of Melbourne	mucosal
56	Kit Moloney-Geany	DEVELOPING METHODS TO DETERMINE THE IMMUNOLOGICAL BASIS OF PULMONARY TERITARY LYMPHOID STRUCTURE INITIATION AND MAINTENANCE DURING INFLUENZA INFECTION	Malaghan Institute of Medical Research	mucosal
57	Rabina Giri	Topical upadacitinib is effective in distal Ulcerative colitis - A case study and pre-clinical proof of concept	Mater Research Institute	mucosal
58	Rossana Azzoni	Exploring the Hidden Potential of Neuroimmune Interactions in Lung Fibrosis.	Monash University	mucosal
59	Jessica Engel	EXAMINING TISSUE- AND DRUG- SPECIFIC CD4+ T CELL RESPONSES IN EXPERIMENTAL VISCERAL LEISHMANIASIS	QIMR Berghofer Medical Research Institute, Brisbane, Australia	T cells
60	Marziyeh Taheri	High-dimensional immune cell profiling displays Age-related alteration in innate-like cells	Department of Microbiology and Immunology, Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Australia	T cells
61	Jessica Dwyer	Natural killer cell cytotoxicity function in Gulf war illness patients: a longitudinal investigation.	National Centre for Neuroimmunology and Emerging Diseases, Menzies Health Institute Queensland, Griffith University, Gold Coast campus, Australia and School of Pharmacy and Medical Sciences, Griffith University, Gold Coast campus, Australia	T cells
62	Chandi T Magawa	Downstream effect of TRPM3 ion channel dysfunction on organelle calcium signaling in natural killer cells	1. National Centre for Neuroimmunology and Emerging Diseases, Griffith University, 2. Consortium Health International for Myalgic Encephalomyelitis, Griffith University, Australia, 3. School of Pharmacy and Medical Sciences, Griffith University	T cells
63	Daniel Butcher	Optimisation of Lipid ROS Measurement for Spectral Flow Cytometry	UQ Frazer Institute	T cells
64	Dulakara Kannangara	Role of Granzyme K in T cell Dysfunction and Ageing	Biomedicine Discovery Institute stitute, Monash University	T cells
65	Zijian Huang	Investigating the impact of dissociating LCK from co-receptors on the development of thymocytes	Biomedicine Discovery Institute, Monash University	T cells

66	Curtis Cai	Dissecting the heterogeneity of complete human lung lymph nodes	Department of Medicine Huddinge, Karolinska Institute, Stockholm, Sweden	T cells
67	Antoine Guerin	CD4+ T cell transcriptomic investigation of inborn errors of immunity impacting STAT3 signaling	1Garvan Institute of Medical Research; Darlinghurst, Australia. 2School of Clinical Medicine, Faculty of Medicine and Health, UNSW Sydney; Sydney, Australia	T cells
68	Katharine Goodall	Modelling Wiskott-Aldrich Syndrome in iPSCs to identify novel differentiation and functional defects	Murdoch Children's Research Institute	T cells
69	Julia Marchingo	High resolution low cell number proteomics to unravel post-transcriptional control of acute and chronic T cell responses	Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC	T cells
70	Phoebe Crammond	The role of TLR4 signalling via CD4+ T cells in patients with indirect lung injuries requiring ICU admission.	Immunovirology and Pathogenesis Program, Kirby Institute, University of New South Wales, Sydney	T cells
71	Raquel Andrea Hernandez Gallardo	L-plastin associated syndrome of immune deficiency and hematologic cytopenia	Immunology and Infectious Diseases, John Curtin School of Medical Research, Australian National University, Canberra, Australia.	T cells
72	Erika Della Mina	A novel homozygous nonsense variant in CARD9 disrupts innate and IL-17-mediated immunity, resulting in severe fungal infections in humans	Garvan Institute of Medical Research, Darlinghurst, New South Wales, Australia.	T cells
73	Naiqi Wang	Fatty acid metabolism drives dietary effect on ferroptosis in T cells and modulates immunity	Frazer Institute, The University of Queensland	T cells
74	Hadi Seyedzadeh	Investigating the effects of matrix stiffness on cytotoxic T lymphocyte function	Department of Molecular Medicine, School of Biomedical Sciences (SBMS), Faculty of Medicine & Health, University of New South Wales (UNSW) SYDNEY, AUSTRALIA	T cells
75	Sam Nettelfield	Metabolic hormones: a novel repressor of TFH cells and germinal centre responses?	Frazer Institute, Faculty of Medicine, The University of Queensland, Brisbane, Queensland, Australia	T cells
76	Sachith Dilshan Gunasinghe	Single-Molecule Analysis Reveals Analog Signaling in $\bar{I}^{3}\bar{I}'$ T Cell Immune Surveillance	Infection and Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria 3800, Australia	T cells
77	Anastasia Vasileva	K562 Epitope Platform: A Genetically Engineered Platform for T-cell Epitope Screening	Pirogov Russian National Research Medical University	T cells
78	Tania Allin Vargas Pavia	Divergent effects of cancer-associated CD155 mutants on receptor engagement and NK cell function	University of Melbourne, Department of Microbiology and Immunology,The Peter Doherty Institute for Infection and Immunity	tumour
79	Rory Costello	New imaging modalities identify alpha-smooth muscle actin+ cancer-associated fibroblasts that affect CD8 T cell infiltration into tumours of colorectal cancer patients	Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	tumour
80	Md Abdullah Al Kamran Khan	Elucidating the prognostic and functional roles of NK cell subsets in bladder cancer	Department of Microbiology and Immunology, The University of Melbourne at The Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia	tumour
81	Harrison Sudholz	Core fucosylation of IL-2RB is required for natural killer cell development and homeostatic proliferation	Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, VIC 3800, Australia.	tumour
82	Anne Huber	Mutant TP53 drives an IL11 to IL6 cytokine dependency switch during gastric cancer progression	Olivia Newton-John Cancer Research Institute	tumour
83	Yuki Honda Keith	Skin CD169+ macrophages suppress B16F10 melanoma tumour growth in mice	Garvan Institute of Medical Research	tumour
84	Ayano Ezaki	The expression and significance of CD74 in clear cell renal cell carcinoma	Department of Cell Pathology, Graduate School of Medical Sciences, Kumamoto University	tumour
85	Fenna Floortje Feenstra	Tackling Immune Escape: Identifying Novel Targets And Pathways Involved In The Regulation Of CD155	F. F.	tumour
86	Jack M. Edwards	Response and resistance to combination immune checkpoint blockade associate with distinct baseline and on-treatment blood T-cell profiles in melanoma patients.	Department of Immunology, School of Translational Medicine, Monash University and Alfred Hospital, Melbourne, VIC, Australia	tumour
87	Pedro Reyes MartÅ-nez	Increased Circulating Myeloid-Derived Suppressor Cells (MDSC) and Overexpression of CD47 and CD73 in Prostate Cancer Patients	University of Guadalajara	tumour
88	Subin Wui	Multiplex Immunofluorescence reveals Immune-suppressed Tumour Microenvironment in HPV-Negative Oesophageal Adenocarcinoma	Immunovirology and Pathogenesis Program, The Kirby Institute, The University of New South Wales, Sydney, NSW, Australia; School of Clinical Medicine, Faculty of Medicine and Health, University of New South Wales, Sydney, NSW, Australia	tumour
89	Shoaib Anwaar	Prophylactic depletion of UV-induced regulatory T cells prevents the establishment of Cutaneous Squamous Cell Carcinoma	The University of Queensland Frazer Institute, Woolloongabba, QLD, Australia	tumour
90	Shivali Savita Chinni	Age-Related Differences in mRNA Vaccine Immunogenicity and Adjuvancy	School of Health and Biomedical Sciences, Royal Melbourne Institute of Technology (RMIT) University, Bundoora, VIC, Australia	vaccine
91	Atefeh Yaftiyan	Immune response to mRNA Vaccination in healthy and inflammation-induced immunoparalysed mice	University of Melbourne	vaccine
92	Emily S.J. Edwards	ANTIBODY RESPONSES AND B-CELL MEMORY FORMATION AFTER COVID-19 VACCINATION IN PATIENTS WITH PRIMARY IMMUNODEFICIENCY	1. Allergy and Clinical Immunology Laboratory, Department of Immunology, School of Translational Medicine, Monash University, Melbourne, Victoria, Australia 2. The Jeffrey Modell Diagnostic and Research Centre for Primary Immunodeficiencies in Melbourne	vaccine
93	J. Mackie	EFFICACY OF SARS-COV2 VACCINATION IN PATIENTS WITH GENETIC DEFECTS IN JAK/STAT SIGNALLING.	Garvan Institute of Medical Research, Darlinghurst, NSW, Australia. School of Clinical Medicine, Faculty of Medicine and Health, UNSW Sydney, Kensington, NSW, Australia.	vaccine
94	Paul A Gill	Assessing Immune Competence to SARS-CoV-2 Vaccination in Patients with Inflammatory Bowel Disease receiving anti-TNF Treatment	Department of Immunology, School of Translational Medicine, Monash University,	vaccine
95	Ruth Purcell	Systemic Inflammation in Solid Tumour Malignancy Patients Impairs Generation of de novo SARS-CoV-2 Vaccine Responses	Department of Microbiology and Immunology, University of Melbourne	vaccine

96	Elham Jamali	RNA viruses and neutralizing antibody responses; opportunities and challenges for HCV vaccinology	Viral Immunology Systems Program, Kirby Institute and School of Medical Sciences, University of New South Wales, Sydney 2052, Australia and School of Biomedical Sciences, Medicine & Health, University of New South Wales, Sydney	vaccine
97	Lok Bahadur Shrestha	Bivalent Omicron BA.1 vaccine booster increases memory B cell breadth and protects against emerging SARS-CoV-2 variants.	The Kirby Institute, University of New South Wales, Sydney, NSW 2052, Australia. School of Biomedical Sciences, Faculty of Medicine & Health, University of New South Wales.	vaccine
98	Chloe J. Gates	All hands on-deck: the immune response induced by a whole-cell inactivated pneumococcal vaccine.	GPN Vaccines	vaccine
99	Alexandra Dvorscek	Conversion of vaccines from low to high immunogenicity by antibodies with epitope complementarity	Department of Immunology, Monash University	vaccine
100	Ellise Roper	Exploring antibody recruitment and evolution to different vaccine models across multiple inbred mouse strains	Garvan Institute of Medical Research, Darlinghurst NSW, Australia	vaccine
101	Larissa Liow	Antigenic competition is mitigated via the administration of multiple antigens on separate proteins	JCSMR, ANU	vaccine
102	Shawn Luo	Potency Assays in Focus: A batch-to-batch comparison of whole-cell inactivated pneumococcal vaccine	GPN Vaccines	vaccine
103	Carla Ruth Gallasch	Muscle vs mucosa: how whole-cell vaccine delivery impacts the humoral response to non-typeable Haemophilus influenzae	Research Centre for Infectious Diseases, Department of Molecular and Biomedical Science, The University of Adelaide, Adelaide, SA 5005, Australia	vaccine
104	Riley Bissett	mRNA vaccine uptake and innate immune responses in a human lymph node explant model	Centre for Virus Research, The Westmead Institute for Medical Research, Westmead, Australia; School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia	vaccine
105	Nicole Messina	BCG vaccination for protection of healthcare workers against COVID-19	1Infectious Diseases Group, Infection, Immunity and Global Health Theme, Murdoch Children's Research Institute, Parkville, Australia. 2Department of Paediatrics, The University of Melbourne, Parkville, Australia.	vaccine
106	Nicholas Hunt	Oral nanotherapeutics for precision targeting of antigen presenting cells for prevention of type 1 diabetes in non-obese diabetic mice	The University of Sydney	vaccine
107	A K M Muraduzzaman	Characterisation of the Transplantable Donor Tissue Immunopeptidome to identify the targets of Alloreactive CD8+ T cell	1Immunity Program, Biomedicine Discovery Institute and Department of Biochemistry and Molecular Biology, Faculty of Medicine, Nursing and Health Sciences, Monash University, Clayton 3800, Victoria, Australia	Transplantation

Poster Session Wednesday 27th November

Poster Number	First Author	Paper Title	First Author Affilation	Session
1	Marsia Gustiananda	ANALYSIS OF T-CELL RESPONSES TO THE EPITOPES DERIVED FROM SARS-CoV-2 STRUCTURAL PROTEINS PRESENTED BY HLA CLASS II ALLELES IN INDONESIAN POPULATION	Department of Biomedicine, School of Life Sciences, Indonesia International Institute for Life Sciences, Jakarta, Indonesia	Antigen presentation
2	Shaghik Barani	Varying potency of self/cancer peptides in KIR3DL1 recognition of HLA-A*24:02	Infection and Immunity Program, Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, Victoria, Australia, CLAYTON, VIC, Australia.	Antigen presentation
3	Andrew Harman	Epithelial Langerhans cells vs dendritic cells – Implications for vaccine design	Westmead Institute for Medical Research	Antigen presentation
4	Lara Sarkawt	Epithelial dendritic cells and Langerhans cells in inflamed human genital tissue	School of medical science, University of Sydney, Centre for Virus Research, Westmead Institute for Medical Research	Antigen presentation
5	Daniel Buffa	Functional Characterisation of a Newly Defined Epithelial Dendritic Cell	University of Sydney, Department of Immunology, Sydney, NSW	Antigen presentation
6	Xiaoyue Zhang	Investigating the effect of infection on MR1 antigen presentation to MAIT cells	Department of Microbiology and Immunity, the Peter Doherty Institute, Melbourne, Australia	Antigen presentation
7	Freja Warner van Dijk	Understanding inflammatory mononuclear phagocyte heterogeneity in human anogenital mucosa	The Westmead Institute for Medical Research	Antigen presentation
8	Jennifer Pryor	MICROBIOTA MODULATION INDUCES ELEVATED DUODENAL EOSINOPHILS UPON GLUTEN EXPOSURE IN MICE: IMPLICATIONS FOR NON-COELIAC GLUTEN SENSITIVITY	University of Newcastle	Antigen presentation
9	Caterina Carco	Characterisation of skin migratory type 2 dendritic cells in wild-type and IL4RA-KO mice during Th2 immune responses	Malaghan Institute of Medical Research	Antigen presentation
10	Huw B Morgan	IDENTIFYING NEW ROLES FOR UBIQUITINATION MACHINERY IN REGULATING DENDRITIC CELL FUNCTION	Department of Biochemistry and Pharmacology, The Bio21 Molecular Science and Biotechnology Institute, The University of Melbourne, Parkville, Australia	Antigen presentation
11	Ashley M Firth	INTERFERON REGULATORY FACTOR 2 BINDING PROTEIN 2 PLAYS A ROLE IN CONVENTIONAL DENDRITIC CELL DEVELOPMENT AND FUNCTION	Department of Biochemistry and Pharmacology, The Bio21 Institute of Molecular Science and Biotechnology, The University of Melbourne	Antigen presentation
12	Catarina F Almeida	Direct recognition of an intact foreign protein (Phycoerythrin) by an ab T cell receptor	Department of Microbiology & Immunology, Peter Doherty Institute for Infection and Immunity, University of Melbourne, Melbourne, Victoria 3010, Australia	Antigen presentation
13	Jesse Mulder	Understanding the Determinants of Plasma Cell Lifespan Programming	Department of Immunology, Monash University	B cells
14	Liam Rashleigh	Cryo-EM reveals the antibody-like binding of a γδ T cell receptor to a bacterial protein	Monash University	B cells
15	Eun-Yi Moon	Bisphenol A-induced autophagy ameliorates human B cell death through Nrf2-mediated regulation of Atg7 and Beclin1 expression by Syk activation	Sejong University	B cells
16	Huyen Phan	Recombinant light chain production and analyses for the development of genetic diagnostic tests for light chain amyloidosis	Westmead Institute for Medical Research	B cells
17	Saba Asad	Multiple Sequential Mechanisms Diversify B Cell Responses In Vivo	Peter Doherty Institute for Infection and Immunity, Department of Microbiology and Immunology, University of Melbourne, Parkville, Victoria	B cells
18	Fiona Ballard	Unravelling the germinal centre dysregulation caused by the IRF4T95R point mutation	John Curtin School of Medical Research, Australian National University	B cells
19	Laura Almagro	Functional and Mechanistic Insights into Dendritic Cell and B Cell Trogocytosis	University of Melbourne	B cells
20	Sandali Seneviratne	A structural approach to unravelling the role of an IRF4 point mutation in lymphoid malignancies	Division of Immunology and Infectious Diseases, John Curtin School of Medical Research, Australian National University	B cells
21	Zhoujie Ding	Uncovering the impact of Ki67 deficiency on lymphocyte development and immune responses in human and mice	Department of Immunology, Central Clinical School, Monash University, Melbourne, VIC, Australia	B cells
22	Jasmine Burton	The role of Galectin-9 on B cells during viral infections	Department of Biochemistry & Molecular Biology, Immunity Program, Monash Biomedicine Discovery	B cells
23	Hillary A. Vanderven	Poor diagnostic potential of tuberculosis antibodies in rural Papua New Guinea	James Cook University and Australian Institute of Tropical Health and Medicine and Department of Microbiology and Immunology at Peter Doherty Institute for Infection and Immunity	B cells
24	Erika Della Mina	Two novel missense BTK variants underlying atypical XLA clinical phenotypes	Garvan Institute of Medical Research	B cells
25	Ke Wang	The epigenetic modifier BMI-1 modulates plasma cell formation in malaria	Immunology and Infectious Disease Division, John Curtin School of Medical Research, the Australian National University, Canberra, ACT, Australia	B cells
26	Clara Young	A novel method to measure the KD of low affinity antibodies	Garvan Institute of Medical Research	B cells
27	Alexandra Bosak Karaviotis	Lyn as a Negative Regulator of Plasma Cell Longevity in the Bone Marrow	Monash University	B cells
28	Elahe Minaei	Raising a Local Army Against Death: Localised Immunotherapy of Pancreatic Cancer	School of Chemistry and Molecular Bioscience, Molecular Horizons, University of Wollongong, Wollongong, NSW, Australia.	clinical & human immunology
29	Corinne Mack	Elucidating the role of Tfh13 cells	Garvan Institute of Medical Research, Sydney, NSW, Australia	clinical & human immunology
30	Ebony Blight	FUNCTIONAL ASSESSMENT OF THE NOD2 SIGNALLING PATHWAY IN PATIENTS WITH INBORN ERRORS OF IMMUNITY	The Jeffrey Modell Diagnostic and Research Centre for Primary Immunodeficiencies, Melbourne, VIC, Australia, and Department of Infectious Diseases, Immunology Laboratory, and Department of Allergy and Immunology, Monash Health, Melbourne, VIC, Australia.	clinical & human immunology
31	Danya Kaplan	MAIT cells in haematopoietic stem cell transplant recipients with cytomegalovirus reactivation	Infection, Immunity and Inflammation, School of Medical Sciences, Faculty of Medicine and Health, University of Sydney, Sydney, NSW, Australia. *equal contribution	clinical & human immunology

32	Prashant R Tembhare	Role of Circulating Immune Cell Signature in The Persistence Of Measurable Residual Disease In Adult B-Cell Lymphoblastic Leukemia	Advanced Centre for Treatment Research & Education in Cancer, Tata Memorial Centre, Navi Mumbai	clinical & human immunology
33	Karrnan Pathmanandavel	IgE expressing B cells are enriched in patients with primary atopic disorders	Garvan Institute of Medical Research	clinical & human immunology
34	Molly Ford	Investigating the role of a novel heparan sulfate mimetic on homeostatic trafficking	Centre for Biodiscovery and School of Biological Sciences, Victoria University of Wellington, Wellington, New Zealand	clinical & human immunology
35	J. Mackie	ATYPICAL HYPER-IGE SYNDROME DUE TO HETEROZYGOUS STAT3 VARIANTS CAUSING LOSS-OF-EXPRESSION AND HAPLOINSUFFICIENCY.	Garvan Institute of Medical Research, Darlinghurst, NSW, Australia. School of Clinical Medicine, Faculty of Medicine and Health, UNSW Sydney, Kensington, NSW, Australia.	clinical & human immunology
36	Chenkai Ma	MELODY: A whole blood cell survey for COVID (and beyond)	CSIRO	clinical & human immunology
37	Natalie Smith	Comprehensive Multi-Omic Strategies for Improved Clinical Trial Insights	University of Sydney, NSW, Australia	clinical & human immunology
38	Brad Devery	Pursuing targeted research outcomes in colorectal cancer through a mÄtauranga MÄori (indigenous knowledge) lens.	Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	clinical & human immunology
39	Papagudi Ganesan Subramanian	Role Of The Immune Cell Microenvironment In The Persistence Of Measurable Residual Disease In Childhood T-Cell Lymphoblastic Leukemia	Department of Hematopathology ACTREC- Tata Memorial Centre	clinical & human immunology
40	Karl J Hegarty	Urolithin A as a novel therapeutic against chronic obstructive pulmonary disease (COPD) induced cachexia	Centre for Inflammation, Faculty of Science, School of Life Sciences, Centenary Institute and University of Technology Sydney, Sydney, Australia. Charles Perkins Centre, New South Wales, Australia.	clinical & human immunology
41	Rui Liu	The incidence and clinical significance of monoclonal and oligoclonal protein bands in multiple myeloma patients after BCMAâ€“CAR-T cell therapy: a retrospective study based on LEGEND-2	Frazer Institute, Faculty of Medicine, The University of Queensland, Brisbane, Queensland, Australia	clinical & human immunology
42	Natalie Eaton-Fitch	TRPM3 dysfunction in Natural Killer Cells: The ME/CFS and Channelopathy Connection	School of Human Sciences (Physiology), The University of Western Australia	Innate immunity
43	Natalie Eaton-Fitch	Morphology of natural killer cells in myalgic encephalomyelitis: a novel application of cell painting.	National Centre for Neuroimmunology and Emerging Diseases, Health Group, Griffith University, Australia	clinical & human immunology
44	Peter Hsu	A Randomized, double-blind, placebo-Controlled trial of the Efficacy and Safety of Oral Peanut Immunotherapy with Short Chain Fatty Acid Adjuvant (OPIA)	Department of Allergy and Immunology, The Children Hospital at Westmead, Westmead, New South Wales	clinical & human immunology
45	Jackson Karrasch	EXPLORING CUTANEOUS IMMUNE SYSTEM ACTIVATION AND NEUROIMMUNE INTERACTIONS IN COMPLEX REGIONAL PAIN SYNDROME USING IMAGING MASS CYTOMETRY	The University of Sydney	clinical & human immunology
46	Juan Ernesto Lopez-Ramos	In silico Identification of Type 1 Inhibitors Against JAK2 Protein by Molecular Docking and Molecular Dynamics studies	CECYT 18 Zacatecas Instituto Polit√©cnico Nacional	clinical & human immunology
47	Megan Roberts	Blood cell homeostasis is maintained in the absence of resident mononuclear phagocytes in fetal liver and bone marrow in CSF1R knockout rats.	Mater Research Institute-University of Queensland	Haematopoiesis
48	Kavita Bisht	ENDOTOXEMIA AS POSSIBLE CAUSE OF INFLAMMATORY BOWEL DISEASES-ASSOCIATED ANEMIA	Mater Research Institute-UQ	Haematopoiesis
49	Kirsten Hicks	Ageing Alters Myeloid Cells Across Bone Marrow Sites: Increased Proportions with Reduced Inflammatory Expression	Curtin Health Innovation Research Institute, Curtin Medical School, Curtin University, Perth, Western Australia, Australia	Haematopoiesis
50	Ariel Castro-Martinez	Evidence for anisocytosis and defective erythropoiesis in mice and humans with mevalonate kinase deficiency	Garvan Institute of Medical Research and School of Clinical Medicine, UNSW Sydney, Sydney, New South Wales, Australia	Haematopoiesis
51	Simranpreet Kaur	BONE MARROW MACROPHAGE RESILIENCE IS ASSOCIATED WITH BONE MARROW RECOVERY AND HAEMATOPOIESIS POST CHEMOTHERAPY INJURY.	Mater Research â€“ The University of Queensland, Brisbane, Australia.	Haematopoiesis
52	Jintao Guo	Precision splenic macrophage lineage tracing, enumeration and isolation using a macrophage specific nuclear membrane reporter mouse.	Mater Research Institute-The University of Queensland, Translational Research Institute, Woolloongabba, QLD 4102, Australia	Haematopoiesis
53	Jennifer Currenti	Predicting immunotherapy response in late-stage Hepatocellular Carcinoma by CD8 T cell receptor diversity	Curtin University	immunotherapies
54	Eunwoo Nam	Testing the efficacy of GD2 chimeric antigen receptor (CAR)-T cells in an orthotopic syngeneic mouse model of glioblastoma	Centre for Cancer Biology	immunotherapies
55	Arman Safavi	Hosts gd T cell populations undergo clonal expansion during CAR-T cell therapy	School of Biomedical Sciences, UNSW Sydney, Sydney, NSW, Australia	immunotherapies
56	Anne La Flamme	Altering homeostatic and inflammatory immune cell migration into the CNS by modifying chemokine gradients with heparan sulfate mimetics	Victoria University of Wellington	immunotherapies
57	Amal Elhage	Adeno-associated viral vectors encoding nanobodies targeting mouse and human P2X7 reduce graft-versus-host disease in a humanised mouse model	Molecular Horizons and School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW 2522, Australia	immunotherapies
58	Resty Nabeeta	UNDERSTANDING THE ASSOCIATION OF CAR-T CELL THERAPY SUCCESS WITH GBM BLOOD VESSEL PHENOTYPE	Centre for Cancer Biology, University of South Australia and SA Pathology, Adelaide, SA, Australia	immunotherapies
59	Lachie Dobson	Co-expansion of NK cells and CAR T cells for Cancer Immunotherapy	University of Otago	immunotherapies
60	Nga T.H. Truong	ANTI-PD1 THERAPY IN MELANOMA: IDENTIFYING A POTENTIAL TUMOUR-HOMING T CELL POPULATION THAT ASSOCIATES WITH CLINICAL RESPONSE	Centre for Cancer Biology, Cancer Research Institute, University of South Australia, Adelaide, SA	immunotherapies
61	Dylan McPeake	LIVE CELL IMAGING ANALYSIS REVEALS LGR5-TARGETING CAR-T CELLS POSSESS POTENT KILLING CAPACITY IN 3-D CULTURES	1Chemokine Biology Laboratory, Department of Molecular and Biomedical Science, The University of Adelaide, Adelaide, South Australia 2Carina Biotech, University of South Australia, Adelaide, Mawson Lakes	immunotherapies

62	Naomi Damstra	Repurposing Anti-Copper Drugs to Improve Mesothelioma Immunotherapy	Curtin Medical School, Curtin University; Centre for Respiratory Health, National Centre for Asbestos Related Diseases, University of Western Australia	immunotherapies
63	A. Elhage	AN ANTI-HUMAN P2X7 MONOCLONAL ANTIBODY MEDIATES COMPLEMENT-DEPENDENT CYTOTOXICITY OF HUMAN LEUKOCYTES	University of Wollongong, Molecular Horizons and School of Chemistry and Molecular Bioscience, Wollongong, NSW	immunotherapies
64	Tamara Bock	KLF7 is a key transcription factor that drives in vivo competence of CD19-targeted CAR-T cells in humans with large B cell lymphoma	Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia	immunotherapies
65	Sayali Gore	T cell receptor therapies for the treatment of childhood cancers	Children's Cancer Research Unit, Kids Research, Children's Hospital at Westmead	immunotherapies
66	Barney Viengkhou	TREATING THE AUTOIMMFLAMMATORY PATHOLOGY OF CEREBRAL INTERFEROPATHIES	University of Sydney, School of Life and Environmental Sciences, Sydney, NSW	immunotherapies
67	Kevin Ly	Determine the effect of an Î"133p53-like isoform on immunotherapy	ASI	immunotherapies
68	Rory Costello	Predicting Colorectal Patient Prognoses by Functional Characterisation of Heterogeneous Cell Types and Their Spatial Interaction Using a New Technique: Whole Slide Imaging Mass Cytometry	Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	Immunotherapies
69	Rachel Ireland	Exploring the immunomodulatory effects of ultraviolet radiation	University of Sydney	inflammation
70	Jacqueline Marshall	Tuft cells modulate inflammation in the lung during a house dust mite model of asthma	Centenary Institute, UTS	inflammation
71	Jieun Han	Germanium telluride nanosheets ameliorate psoriatic skin inflammation by inhibiting proliferation and inflammatory response.	1Division of Rheumatology, Department of Internal Medicine, Yonsei University College of Medicine, Republic of Korea 2Brain Korea 21 FOUR Project for Medical Science, Yonsei University, Republic of Korea	inflammation
72	Rekha Marimuthu	MONOCYTES DISPLAY ALTERED INFLAMMATORY PROFILE IN DIABETIC FOOT ULCERS AND ARE LINKED TO HEALING OUTCOMES.	Department of Surgery, Westmead Hospital, Westmead, NSW; Westmead Clinical School, The University of Sydney, Westmead, NSW	inflammation
73	Jing-Ying Wu	The Role of mitochondrial NAD kinase in vascular diseases	Institute of Cellular and System Medicine, National Health Research Institutes, Zhunan, Taiwan	inflammation
74	Shivani Krishnamurthy	Hiding in plain sight - Understanding the role of tryptophan metabolism in hepatocellular carcinoma	Faculty of Medicine, Health and Human Sciences, Macquarie University	inflammation
75	Rabina Giri	The UC phenotype of a rare mutation in OTUD3 is exacerbated by high fat or high fructose diets in an experimental mouse model	Mater Research Institute	inflammation
76	Vasudha Maddali	Understanding the Molecular Mechanism of Recognition of Bacteroides fragilis produced glycosphingolipids by Natural Killer T (NKT) cell Receptors	Monash University	inflammation
77	Marcia Munoz	Mevalonate kinase deficiency is associated with lack of mature NK cells and a dysregulated response to viral infection	Garvan Institute of Medical Research; School of Clinical Medicine, Faculty of Medicine and Health, UNSW	Innate immunity
78	Lelinh Duong	Dysferlinopathy is associated with early onset of inflammatory and metabolic immune cell dysregulation	Medical School, University of Western Australia, Perth, Western Australia.	Innate immunity
79	Dishen Chen	Memory Natural Killer Cells, the Silent Commander Battling Chronic HepB Infection	1.Blacktown Clinical School, Western Sydney University, Blacktown, NSW, 2148, Australia. 2.Storr Liver Centre, The Westmead Institute for Medical Research, The University of Sydney	Innate immunity
80	Le Xiong	Acute Exposure To High Fat Diet Impairs ILC3 Functions And Gut Homeostasis	The Walter and Eliza Hall Institute of Medical Research	Innate immunity
81	Rutger J. Röring	Determinants of innate immune cytokine responses in pre-school children: a population-derived cohort study	Murdoch Children's Research Institute, Parkville, Victoria, Australia	Innate immunity
82	Shruti Swamy	A novel role for a microtubule associated protein underlying macrophage dysfunction and lung disease.	Garvan Institute of Medical Research, Royal Prince Alfred Hospital, Royal North Shore Hospital, Sydney Children's Hospital Randwick, University of Sydney	Innate immunity
83	Jennifer S. Stables	Fibrosis and macrophage phenotypes in an Australian cohort of non-pathological human ovarian samples	School of Biomedicine, Robinson Research Institute, The University of Adelaide, Adelaide, SA	Innate immunity
84	Srushti M Kasare	INVESTIGATING DENDRITIC CELL CHARACTERISTICS IN PRETERM INFANTS: INSIGHTS INTO IMMUNE VULNERABILITY AND SEPSIS	The University of Western Australia	Innate immunity
85	Etianne Martini Sasso	RESTORED TRPM3 ION CHANNEL FUNCTION IN NK CELLS FROM LONG COVID PARTICIPANTS TAKING LOW DOSE NALTREXONE	National Centre for Neuroimmunology and Emerging Diseases, Griffith University	clinical & human immunology
86	Tanya Lupancu	Glucocorticoids inhibit GM-CSF-induced CCL17 formation in human monocytes/macrophages and suppress inflammatory arthritis	Department of Medicine, Royal Melbourne Hospital, The University of Melbourne, Parkville, VIC 3052, Australia.	Innate immunity
87	Amelia L Fryer	MORE THAN A 'STIMULATOR OF INTERFERON GENES' - EXPLORING THE ROLE OF STING IN THE ER STRESS RESPONSE IN TRAUMATIC BRAIN INJURY	University of Melbourne, Department of Biochemistry and Pharmacology, Bio21 Institute, Parkville, VIC	Innate immunity
88	Oscar Dong	Improving high-parameter imaging workflows by compartmentalising tissue structures before and throughout analysis	University of Sydney	mucosal
89	Sophie Fowler	DECREASED GOBLET CELLS AND ALTERED MELATONIN RECEPTOR EXPRESSION MAY BE ASSOCIATED WITH SLEEP DISTURBANCES AND FATIGUE IN FUNCTIONAL DYSPEPSIA	University of Newcastle	mucosal
90	Gemma S Trollope	Dysregulated immune responses via TLR7 drive maternal and fetal complications during gestational IAV infection.	Centre for Respiratory Science and Health, School of Health and Biomedical Sciences, RMIT University, Bundoora, Victoria, 3083, Australia.	mucosal
91	Anita Kral	FUNGAL SENSING BY AIRWAY BASAL PROGENITOR CELLS CAUSES EPITHELIAL SECRETORY CELL DIFFERENTIATION.	Centre for Cancer Biology, University of South Australia and SA Pathology, Adelaide, Australia	mucosal
92	Anja Skilton	ROLES OF HUMAN CD207+ DENDRITIC CELLS IN CROHN'S DISEASE	The Westmead Institute for Medical Research	mucosal

93	Kirstie Bertram	Human skin and mucosal conventional dendritic cell type 2 subsets are major target cells for HIV	Centre for Virus Research, The Westmead Institute for Medical Research, Sydney, NSW, Australia, The University of Sydney, School of Medical Sciences, Faculty of Medicine and Health Sydney, NSW, Australia	mucosal
94	Jaehyeon Kim	Dengue virus infection disturbs gastrointestinal homeostasis to increase the risk of severe dengue disease	The School of Chemistry and Molecular Biosciences, The University of Queensland	mucosal
95	Camille Potier-Villette	Unveiling the role of gut microbiota-derived extracellular vesicles in food allergy	1Charles Perkins Centre, University of Sydney, Sydney, NSW, Australia. 2School of Medical Sciences, Faculty of Medicine and Health, University of Sydney, Sydney, NSW, Australia.	mucosal
96	Byungchul Lee	TOX2 regulates ILC3-driven intestinal immunity and homeostasis	Frazer Institute, The University of Queensland	mucosal
97	Rebecca Palmer	A HIGH DIMENSIONAL SPECTRAL CYTOMETRY METHOD FOR COMPREHENSIVE PHENOTYPING OF MURINE PULMONARY CELLS	1. Malaghan Institute of Medical Research, Wellington, 2. University of Otago, Wellington	mucosal
98	Maxine Smith	Phenotypic assessment of intestinal intraepithelial lymphocytes maintained ex vivo	Centre for Molecular Therapeutics, AITHM, Cairns JCU	mucosal
99	Dona Sirimanne	Double trouble: How Herpes Simplex Virus promotes HIV in Genital Tissue	Centre for Virus Research, The Westmead Institute for Medical Research. School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney; Sydney	mucosal
100	Freja Warner Van Dijk	AXL+ SIGLEC-6+ dendritic cell functions and interactions with HIV	1.Centre for Virus Research, Westmead Institute for Medical Reserach, Westmead, NSW, Australia 2.School of Medical Science: Infection, Immunity, and Inflammation theme, Faculty of Medicine and Health, University of Sydney, Sydney, NSW, Australia	mucosal
101	Hafsa Rana	Herpes Simplex Virus spreads rapidly in human foreskin, partly driven by chemokine-induced redistribution of Nectin-1 on keratinocytes	USYD/WIMR	mucosal
102	Hind A. Alkhatabi	Decoding the immune-related gene signatures in COVID-19 patients from high throughput transcriptomics data based on next-generation knowledge discovery techniques	Department of Biochemistry, College of Science, University of Jeddah, Jeddah, 21959, Saudi Arabia	Systems & Molecular
103	Ruslan Vasilev	Mutant UnaG Variants: A Powerful Tool for Cutting-Edge Time-Resolved Fluorescent Cellular Imaging	Faculty of Biology, Lomonosov Moscow State University, Moscow, Russia	Systems & Molecular
104	Yomani Sarathkumara	MOLECULAR IMMUNE SIGNATURES OF LATENT AND ACTIVE TUBERCULOSIS IN PAPUA NEW GUINEA	Institute for Molecular Bioscience, The University of Queensland, Brisbane, QLD, Australia	Systems & Molecular
105	Duan Ni	A unique human cord blood CD8+CD45RA+CD27+CD161+ T-cell subset identified by flow cytometric data analysis using Seurat	The University of Sydney	Systems & Molecular
106	Ryan Tay	IntraSeq Technology: A Multimodal Single Cell Method for Simultaneous Meausurement of RNA and Proteins to Uncover New Single Cell Biology	Cell Signaling Technology, Danvers, MA 01923	Systems & Molecular
107	Claire Wishart	Deep metabolic profiling of immune cells by spectral flow cytometry a comprehensive validation approach	University of Sydney	Systems & Molecular

Poster Session Thursday 28th November

Poster Number	First Author	Paper Title	First Author Affilation	Session
1	Magdalena Lerch	Evaluating cytokine profiles to optimise diagnosis of idiopathic uveitis	Translational Neuroimmunology Group, Kids Neuroscience Centre, Children's Hospital at Westmead; Faculty of Medicine and Health, University of Sydney, Sydney, NSW, Australia	Autoimmunity
2	Martina Bonomi	Single-cell Database of T Cells in the Context of Immune Checkpoint Therapy	UNSW	Autoimmunity
3	Christopher Jara	B3GNT2 dependent ligands are essential to uphold tolerance of a IGHV4-34 autoantibody variant	Garvan Institute of Medical Research	Autoimmunity
4	Brooke Waldram	Investigating the effect of kappa opioid receptor agonists on CD4+ T cell subsets	Centre for Biodiscovery and School of Biological Sciences, Te Herenga Waka Victoria University of Wellington, Wellington, New Zealand	Autoimmunity
5	Nataliya Slater	The effects of autoantibody-containing serum on cultured primary human myocytes.	Murdoch University	Autoimmunity
6	Lara Glass	Anti-C1q as a marker for SLE progression	Westmead Institude for Medical Research	Autoimmunity
7	Soumen Sadhu	Corneal epithelial immune response in Sjögren's syndrome and non-Sjögren syndrome dry eye disease- A systematic review and meta-analysis	University of New South Wales, School of Optometry and Vision Science, Sydney, NSW	Autoimmunity
8	Rhiane Moody	COVID-19 results in broad autoantigen recognition post-infection, with anti-calprotectin autoantibodies associated with better clinical	School of Health and Biomedical Science, STEM College, RMIT University, Bundoora, VIC, Australia	Autoimmunity
9	Estelle Peyroux	Effects of Hypoxia on Autophagy and T cell Responses in Axial Spondyloarthritis	University of Otago, Department of Pathology, Dunedin, NZ	Autoimmunity
10	Adrian Lee	Early antigen-inexperienced peripheral B cells are expanded and display high self-reactivity in Sjögren's disease	Westmead Institute for Medical Research	Autoimmunity
11	Sofia Jimenez Sanchez	Mitigating Secondary Autoimmunity in Multiple Sclerosis: The Role of Rituximab Following Alemtuzumab Therapy	Griffith University	Autoimmunity
12	Etienne Masle-Farquhar	Patients with Inclusion Body Myositis in fact lack monoclonal or leukemic CD8 T cells within peripheral blood	Garvan Institute of Medical Research, Sydney, New South Wales, Australia	Autoimmunity
13	Priyanka Hastak	Expanded innate-like CD4+ T cells in trauma-associated lung injury: Results from a multi-omics study	Kirby Institute, UNSW	clinical & human immunology
14	Yanran Zhao	Investigating the Pathway and Mechanism of Silent HIV Reactivation by IFNα8	The Westmead Institute for Medical Research	clinical & human immunology
15	H Hu	Immunophenotype of an Australian Systemic Lupus Erythematosus cohort	Garvan Institute of Medical Research, Sydney, NSW	clinical & human immunology
16	Sidra Khan	KARPOS: A Phase 1 Clinical Trial of GD2 Targeting CAR-T Cell Therapy in Adult Patients with Recurrent Glioblastoma	University of South Australia, Adelaide, South Australia, Australia	clinical & human immunology
17	Christopher Menne	Human unconventional T cells shape the early immune response to Group A Streptococcus	Murdoch Childrenâ€™s Research Institute, Melbourne, Australia	clinical & human immunology
18	Palak H. Mehta	Patient Age is a Distinct Variable that Impacts CAR T Cell Generation, and Age-Related Biomarkers Can Predict Manufacturing Outcomes	RMIT	clinical & human immunology
19	Sedi Jalali	Blood Biomarker Discovery: Exploring Age-related Changes of the Immune Cells Using High-Dimensional analysis in Paediatric Disease Settings	Murdoch Childrenâ€™s Research Institute	clinical & human immunology
20	Hayley A. McQuilten	Qualities of the SARS-CoV-2 T cell repertoire following primary infection, vaccination and long COVID	Department of Microbiology and Immunology, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, 3000, Australia	clinical & human immunology
21	Wai Sinn Soh	Impact of peri-operative intervention on natural killer cell activity in colorectal cancer patient	1College of Health, Medicine and Wellbeing, The University of Newcastle, New South Wales, Australia 2NHMRC Centre of Research Excellence in Digestive Health, The University of Newcastle, New South Wales, Australia 3Immune Health Research Program, HMRI	clinical & human immunology
22	Stephanie Studniberg	Systems immunology approach identifies blood monocyte dysfunction induced by both symptomatic and clinically silent Plasmodium vivax malaria	Monash Biomedicine Discovery Institute, Department of Microbiology, Monash University, Clayton, Victoria, Australia	clinical & human immunology
23	Elly Green	The Results of Anakinra Pilot, A First-in-Population Clinical Trial Assessing Safety, Feasibility and Pharmacokinetics of IL-1 Receptor Antagonist in Preterm Infants	Monash University, Hudson Institute	clinical & human immunology
24	Cheenie Nieva	Serological Analysis of Gliadin-Specific IgG Antibodies in Crohn's Disease	University of Newcastle	clinical & human immunology
25	Brad Devery	Characterising the myeloid immune compartment in colorectal tumours using routine clinical features and a mātauranga Māori approach.	Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	clinical & human immunology
26	Rui Ping Amanda Tan	Immunotherapy for paediatric sarcoma: bound for translation	1) University of Sydney, School of Medical Sciences, FMH, Sydney, NSW 2) Kids Research CCRU, The Childrenâ€™s Hospital at Westmead, SCHN, NSW	clinical & human immunology
27	Mitchell Zheng	Resolving TCR-dependent and -independent activation signals in Activation-Induced Marker assays	University of Melbourne	clinical & human immunology
28	Rory Costello	New ways of imaging identify alpha-smooth muscle actin+ cancer-associated fibroblasts that affect CD8 T cell infiltration into tumours of colorectal cancer patients	Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	clinical & human immunology
29	Duan Ni	Multi-modal analyses decipher the maternal and fetal metabolic and immune landscape of gestational diabetes mellitus	The University of Sydney	clinical & human immunology
30	Duan Ni	Decoding the biology of ethnic difference in atopic diseases	The University of Sydney	clinical & human immunology
31		Multiscale mapping of immune landscape of human tuberculosis granulomas		Infection & immunity

32	Lina Daniel	Dynamic alteration within the lung draining lymph node microenvironment progressively limits CD4+ T cell response to Mycobacterium tuberculosis infection in mice	The University of Sydney	Infection & immunity
33	Peter Natesan Pushparaj	Deciphering the role of human mast cells in infection, immunity, and inflammation based on next-generation knowledge discovery methods using RNA-sequencing data	Center of Excellence in Genomic Medicine Reseach, Faculty of Applied Medical Sciences, King Abdulaziz Univeresity, Jeddah, Kingdom of Saudi Arabia	Infection & immunity
34	Maxwell Stevens	miR-652 regulates host innate immunity to prevent mortality to Listeria infection	Centenary Institute	Infection & immunity
35	Vladimir LaÅ¾etiÄ‡	The natural microbiome of Caenorhabditis elegans provides nutrients that enhance the innate immune response against obligate intracellular pathogens	Department of Biological Sciences, Columbian College of Arts and Sciences, The George Washington University, Washington, District of Columbia, United States	Infection & immunity
36	Rukshan AM Rafeek	Rat Autoimmune Valvulitis Model of ARF/RHD Applications toward safety assessment of vaccines, screening for biomarkers and drug-repurposing studies	School of Science & Technology, University of New England, New South Wales	Infection & immunity
37	Yizhuo Wang	DIFFERENTIAL GENE EXPRESSION PATTERNS IN MACROPHAGES POST HUMAN CHLAMYDIA TRACHOMATIS SEROVARS D-F INFECTION	Queensland University of Technology	Infection & immunity
38	Charlotte Abell-King	Inhibition of protein prenylation by a bisphosphonate drug primes macrophages in vitro and in vivo to TLR4 activation and IFN-beta production	Garvan Institute of Medical Research, Sydney, NSW, School of Clinical Medicine, Faculty of Medicine and Health, UNSW Sydney, Australia	Infection & immunity
39	Liberty Conyers	Optimizing treatment for Mycobacterium avium infection	1.School of Life Sciences, Faculty of Science, University of Technology Sydney, Sydney, NSW, Australia 2.Centenary Institute, The University of Sydney, Sydney, NSW, Australia	Infection & immunity
40	Jinx Moore	Modelling the Early Inflammatory Events of Pathogenesis Induced by Silica Dust Exposure	Centenary Institute and University of Technology Sydney	Infection & immunity
41	Michael Harvie	Investigating the impact of O-GlcNAcylation on dendritic cell development	Department of Biochemistry and Pharmacology, University of Melbourne	Infection & immunity
42	Leslie DomÃ-nguez Cadena	RP105 cytoplasmic domain is essential for TLR2/RP105-mediated cytokine production by mycobacteria-infected macrophages	Frazer Institute, The University of Queensland, Brisbane, QLD	Infection & immunity
43	Katie Tungatt	Dynamics of SARS-CoV-2 Immunity: Longitudinal Study in Australian COVID-19 Convalescents	Centre for Virus Research, The Westmead Institute for Medical Research, Westmead, NSW, Australia.	Infection & immunity
44	Laura Bahr	CHARACTERIZATION OF THE IMMUNE PARALYSIS OF SPLENIC MACROPHAGES FOLLOWING SYSTEMIC INFLAMMATION	Peter Doherty Institute, Life & Medical Sciences Institute	Infection & immunity
45	Diana Quan	The impact of silicosis on immune responses to M. tuberculosis infection	CI/UTS	Infection & immunity
46	Dylan Carter-Cusack	Transcriptomic analysis of the functions of CSF1R-dependent macrophages in postnatal development in the rat.	Mater Research Institute - UQ	Innate immunity
47	Roisin Sullivan	Integrative analysis of the microRNA and mRNA response of barramundi (Lates calcarifer) under acute cold stress and Vibrio harveyi challenge	Sydney Infectious Diseases Institute (Sydney ID), The School of Life and Environmental Sciences and The Sydney School of Veterinary Science, The University of Sydney	Innate immunity
48	Amina Ashraf	Key role for SNARE and Rab proteins in macrophage extracellular signalling	Queensland University of Technology,	Innate immunity
49	Elinor Hortle	MAST CELL PROTEASES MMCP5 AND MMCP7 WORSEN P. AERUGINOSA INFECTION IN MICE	Centre for Inflammation, Centenary Institute and University of Technology Sydney	Innate immunity
50	Matthijs Bekkers	A novel microbiota protein protects the intestinal epithelial barrier in inflammatory bowel disease	University of Newcastle	Innate immunity
51	Katrina Binger	VITRONECTIN MODULATES MACROPHAGE METABOLISM AND DRIVES PRO-FIBROTIC FUNCTION IN IDIOPATHIC PULMONARY FIBROSIS AND 3D MODELS	La Trobe University	Innate immunity
52	Zhengqi Cheng	Investigating the dynamics of cREL and IRF pathway activation using macrophages derived from a dual reporter OAS2:mCherry/cREL:YFP human pluripotent stem cell line	Department of Anatomy and Physiology, Faculty of Medicine, Dentistry and Health Sciences, The University of Melbourne, Parkville, Victoria, Australia	Innate immunity
53	Claire Wishart	Glycolysis blockade targets pathogenic monocytes in viral encephalitis	University of Sydney	Innate immunity
54	Chloe Sligar	FGIN-1-27 reduces the proliferation of human CD4+ T cell subsets in vitro	University of Wollongong, Molecular Horizons and School of Chemistry and Molecular Bioscience, Wollongong, NSW	T cells
55	Gemma Schlegel	Mapping novel histone modifications throughout CD8+ T cell differentiation	Monash University	T cells
56	Annabell Bachem	Microbiome encoded metabolites promote melanoma immunity and enhance stem-like CD127+CD8+ T cells in the tumor draining lymph node	The University of Melbourne	T cells
57	Susanne Heinzel	Dissecting the selective and unique inhibition of cell fate timers by immunosuppressive drugs to calculate synergy	WEHI	T cells
58	Sidrah Naseem	Ligand Independent Signalling of T cell Inhibitory receptors	University of New South Wales	T cells
59	Zhongming Zhang	Investigating the molecular mechanisms of histone arginine methylation during virus-specific CD8+ T cell differentiation	Department of Microbiology, Biomedical Discovery Institute, Monash University, Clayton, Victoria, Australia.	T cells
60	Gavin Koh	Using Super Resolution Microscopy to Visualise Epigenetic Control of T cell Fate	Biomedicine Discovery Institute, Department of Biochemistry and Molecular Biology, Monash University, Victoria, Australia	T cells
61	Jian Tan	The branched-chained amino acid leucine tunes TCR tonicity and regulates T cell fitness	The University of Sydney, Sydney, NSW, Australia	T cells
62	Samantha Cronin	The Tuberculosis Associated Microenvironment Reduces CD8+ T-cell Control of HIV at the Site of the Coinfection	The University of Sydney, Faculty of Medicine and Health, Sydney, Australia	T cells
63	Anita Raposo	Novel biomarkers of exhausted CD8+ T cells	CSIRO, Health & Biosecurity, Westmead, New South Wales, Australia	T cells
64	Gabriel Duette	ENHANCED CD8 T CELL FUNCTIONALITY IS ASSOCIATED WITH CONTROL OF HIV INFECTION DURING CONSECUTIVE ANALYTICAL TREATMENT INTERRUPTIONS	The Westmead Institute for Medical Research. The University of Sydney.	T cells
65	Thomas Bruer	PRC1 underpins key cell fate decisions during CD8+ T cell responses to viral infection	Monash University	T cells

66	R Henry	Characterization of Cytotoxic CD4+ T Cell Responses in TB and TB-HIV Co-infection Using Spectral Flow Cytometry	Kirby Institute, UNSW	T cells
67	Rachael FitzPatrick	Dietary antigens delivered to mice in early life induce both FoxP3 and T-bet expression by CD4 T cells and the development of oral tolerance	University of Victoria	T cells
68	Sarah Battersby	SMALL SCALE TRANSCRIPTOMIC AND FUNCTIONAL ANALYSIS OF RARE TREG POPULATIONS IN LONG-COVID	1.Molecular Immunology, Robinson Research Institute, University of Adelaide	T cells
69	Komeil Razmi	A novel cloning technique for efficient characterisation of TCR specificity using single chain MHC trimers	CSIRO	T cells
70	Shivanjali Ratnaseelan	PROFILING ALLOREACTIVE T CELLS RECOGNISING MHC CLASS I H-2Kd PEPTIDE EPITOPES	Transplantation Immunobiology Group, University of Sydney Central Clinical School, Charles Perkins Centre, Faculty of Medicine and Health, Sydney, New South Wales, Australia	Transplantation
71	Moumita Paul	H-2Kb-peptide epitopes for directly alloreactive CD8+ T cells cross the boundaries of target organ and recipient genetic background	Transplantation Immunobiology Group, University of Sydney Central Clinical School, Charles Perkins Centre, Faculty of Medicine and Health, Sydney, New South Wales, Australia	Transplantation
72	Juanjuan Zhang	Diversity of T Cell Receptors with Clonal Expansion of Tregs in Transplant Tolerance	The Westmead Institute for Medical Research, Sydney, NSW	Transplantation
73	Alexandra E. Hill	Discovery of H-2Kd-peptide epitopes for directly alloreactive CD8+ T cells.	Transplantation Immunobiology Group, University of Sydney Central Clinical School, Charles Perkins Centre, Faculty of Medicine and Health, Sydney, New South Wales, Australia.	Transplantation
74	Lachlan Davidson	Molecular characterisation of BK Polyomavirus-associated Nephropathy (BKPyVAN) in kidney transplant recipients	University of Newcastle, Hunter Medical Research Institute (Immune Health Program), Hunter Transplant Research Foundation	Transplantation
75	Amy Prosser	The role of natural killer T cells in the immune response to liver transplantation in mice	Medical School, University of Western Australia, Perth	Transplantation
76	J. Merritt	CHARACTERISATION OF CANINE CD39 AND CD73 AND COMPARSION TO HUMAN ORTHOLOGUES	University of Wollongong, Molecular Horizons and School of Chemistry and Molecular Bioscience, Wollongong, NSW	tumour
77	Olivia Lavidis	Interrogating viral modulation of necroptotic cell death for the development of next-generation oncolytic virotherapies.	School of Medical Science, Faculty of Medicine and Health, University of Sydney, NSW, Australia	tumour
78	Khalilatul Hanisah Mohd Kahliab	Elucidating the Blood Immune Profile to Detect Cancer Progression	Nanyang Technological University	tumour
79	Felix Marsh-Wakefield	Perivascular macrophages produce VEGFA in hepatocellular carcinoma	Liver Injury & Cancer Program, Centenary Institute, Sydney; Human Immunology Laboratory, School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Sydney	tumour
80	Tee Yee Chern	TLR4-mediated sensing of the microbiota potentiates the toxicity induced by the immune agonist antibody Î±CD137(4-1BB) but is not required for its anti-tumour efficacy	Flinders University & SAHMRI	tumour
81	Lewis Newland	Dissecting mechanisms of CD8+ T cell-driven control of metastatic melanoma	Department of Microbiology and Immunology, The University of Melbourne, The Peter Doherty Institute for Infection and Immunity, Melbourne, Victoria, Australia	tumour
82	Joel Kidman	Immune checkpoint therapy responders display early clonal expansion of tumour infiltrating lymphocytes	University of Western Australia	tumour
83	Jason Kelly	FoxP3+ MAIT cells in Human Colorectal Cancer	Fiona Elsey Cancer Research Institue	tumour
84	Dominik Eichin	Breast Cancer Remodels Lymphatics in Sentinel Lymph Nodes	MediCity Research Laboratory, University of Turku, Turku, Finland; InFLAMES flagship, University of Turku, Turku, Finland	tumour
85	Lilibeth C√°rdenas-Piedra	MULTIPLEXING STAINING TECHNOLOGY FOR TISSUE CYTOMETRY AND ITS APPLICATIONS TO CANCER	School of Biomedical Sciences, Faculty of Health, Queensland University of Technology; Centre for Genomics and Personalised Health; Translational Research Institute; ARC Training Centre for Cell and Tissue Engineering Technologies	tumour
86	Shu Kato	Two different types of myofibroblasts (myCAF) associated with esophageal cancer progression.	Tokyo Medical and Dental University, Graduate School of Medical and Dental Sciences, Department of Human Pathology, Tokyo, Japan	tumour/stromal
87	Harry L Horsnell	Spatially resolving fibroblast-tumour interactions in melanoma metastatic lymph nodes	The Peter Doherty Institute for Infection and Immunology, University of Melbourne, Department of Microbiology and Immunology, 792 Elizabeth Street, Melbourne, 3000, Victoria, Australia.	tumour/stromal
88	Mohammed Abuwarwar	Targeting human cancer-associated fibroblasts and fibroblast-driven T cell-suppression through skewed differentiation	Department of Biochemistry and Molecular Biology, Monash Biomedicine Discovery Institute, Monash University, Clayton VIC 3800, Australia	tumour/stromal
89	Carissa Aurelia	Increased SARS-CoV-2 IgG4 has variable consequences dependent upon Fc function, Fc receptor polymorphism and viral variant.	University of Melbourne	vaccine
90	Sarah Baird	The influence of individual immune variability on SARS-CoV-2 vaccine responses	1Sydney Infectious Diseases Institute (Sydney ID), Faculty of Medicine and Health, The University of Sydney, Camperdown, NSW, 2006, Australia. 2School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Camperdown NSW, 2006, Aus	vaccine
91	Carina Walpole	THE HUMAN IMMUNE MODEL FACILITY (HIMF) TRANSLATIONAL RESEARCH INSTITUTE	Translational Research Institute	vaccine
92	Elizabeth Dunn	Investigating Vaccine Adjuvant Mechanisms of Action in Human Lymph Nodes	Sydney Medical School, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia; Centre for Virus Research, The Westmead Institute for Medical Research, Sydney, Australia	vaccine
93	Vicki Stylianou	A NOVEL HUMAN LYMPH NODE EXPLANT MODEL TO DETERMINE THE MECHANISM OF ACTION OF ADJUVANT AS01	The Westmead Institute	vaccine
94	Mollie Boyd	The influence of flow cytometry gating on the dynamics of circulating T follicular helper cells following primary and secondary SARS-CoV-2 vaccination	University of NSW	vaccine

95	Mengfei Chen[1]	Investigating the CD8+ T Cell Dynamics in Human Lymph Nodes Following SARS-CoV-2 mRNA Vaccination	Kirby Institute, UNSW Sydney, Sydney	vaccine
96	Skye Stockdale	Mucosal vaccines for respiratory viruses the best offence is a good defence.	School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, NSW 2006, Australia	vaccine
97	Kelly Peterken	INVESTIGATING THE ADDITION OF A NOVEL TLR2 ADJUVANT TO A S. AUREUS VACCINE	University of Auckland	vaccine
98	Lidia del Pozo Ramos	Reviewing the performance of clinical TB vaccine candidates in experimental mouse models	Australian Institute of Tropical Health and Medicine, James Cook University, Smithfield, QLD	vaccine
99	Mariana Couto Moniz	Intramuscular versus intranasal: The impact of administration route on the efficacy of a gamma-irradiated influenza A virus vaccine.	University of Adelaide	vaccine
100	Hannah Lukeman	An immunogenic and protective lipid nanoparticle-mRNA vaccine in a murine model of Mycobacterium tuberculosis	The University of Sydney	vaccine
101	Freya Russell	Investigation of a delayed vaccine delivery implant for use in koalas and thermostability of chlamydial antigens proposed for use	School of Biomedical Sciences and Centre for Immunology and Infection Control (CIIC), Brisbane, QLD.	vaccine
102	Isaac G. Sakala	A Single Dose of Delta Inulin-Adjuvanted Inactivated Influenza Vaccine Enhances Serum Antibody Levels and Confers Protection in Neonatal Mice Immunized at 1 Day of Age	Centenary Institute | Centre for Infection and Immunity, Building 93 RPA Hospital, Missenden Rd, Camperdown NSW 2050	vaccine
103	Sofia Khanum	Antibodies produced against methanogen antigens bind to resident methanogens in rumen contents	AgResearch, Palmerston NorthAgre	vaccine
104	Elham Jamali	RNA viruses and neutralizing antibody responses; opportunities and challenges for HCV vaccinology.	Viral Immunology Systems Program, Kirby Institute and School of Medical Sciences, University of New South Wales, Sydney 2052, Australia	vaccine