

Room Assigned									
Monday 4 December									
260-115 F&PAA Auditorium									
17:30		Mihi							
17:50		Introductions & Welcome							
18:00									
Plenary 1:		Chairs: John Fraser, Kerry Hilligan	Pamela Bjorkman - Towards a pan-sarbecovirus vaccine to protect against SARS-CoV-2 variants and animal sarbecoviruses without updating	Simon Phipps - Novel microbiota-host interactions to explain how poor maternal diet predisposes to severe lower respiratory infections					
19:30		Foundation Lecture	Chair: Gabrielle Belz	Judith Greer					
260-100L5 F&PAA Lobby + John Hood Plaza (weather permitting) otherwise this will be held on level 0 in the foyer									
20:15		Welcome Reception							
Tuesday 5 Dec									
8:00									
260-115 F&PAA Auditorium		Plenary 2:	Chairs: Lisa Connor, Simon Phipps, Thomas Gebhardt	Kiyoshi Takeda - Host-microbiota interaction for intestinal homeostasis	Joanna Groom - Targeting T cell interactions for enhanced memory protection	Michela Locci - Immunological mechanisms of mRNA-LNP vaccines	10:00-10:10 am		
level 0 in the foyer		10:10 MORNING TEA							
10:40									
260-115 F&PAA Auditorium		Symposium 1: Allergy and Parasites	Chairs: Severine Navarro, Graham Le Gros	Elia Tait-Wojno - Prostaglandin regulation of type 2 inflammation at mucosal barriers	Nicholas van Panhuys - Deja Th2: The Intersection and of IL-2 and IL-4 Signaling in Determining Th2 Differentiation Outcomes	Kerry Hilligan- Exposure to a lung-migrating helminth protects against murine SARS-CoV-2 infection through macrophage dependent T-cell activation	11:55 Paul Giacomini - Regulation of inflammation and metabolism by hookworms and their secreted products		
260-098 Lecture Theatre		Symposium 2: Clinical and Translational Immunology	Chairs: Rajiv Khanna, Vanessa Bryant	Graham Ogg - Human skin challenge models to define roles of lipid-specific T cells with therapeutic potential	Misty Jenkins - Catalysing Progress in Glioblastoma Immunotherapy: Engineering Novel CAR T Cell Therapies and Target Discovery	Nicole Messina - Leveraging vaccine immunomodulatory effects to protect against allergic and infectious disease	Robert Weinkove - Third-generation CAR T-cells with TLR2 co-stimulation: the Phase 1 ENABLE trial		
level 0 in the foyer		12:20 LUNCH							
12:50									
260-115 F&PAA Auditorium		BD Communication Award	Chairs: Misty Jenkins, Marcus Robinson	Jennifer Habel- Protecting pregnant women from pandemics	Dr Annabelle Small-The treatment-naive rheumatoid arthritis metabolome	Mr Cheng Xiang Foo-GPR183 antagonism reduces macrophage infiltration in SARS-CoV-2 infection	Dr CynthiaTurnbull-DECTIN-1: a modifier protein for CTLA-4 function and autoimmune disease	Anita Kral- Mini airways in a dish: a tool to model disease	Gemma Laws-Mini airways in a dish: a tool to model disease
14:00									
260-115 F&PAA Auditorium (569 pax)		Workshop 1: Tumour Immunology	Chairs: Patricia Rubio-Reyes, Alex McLellan	Lisa Mielke - T cell factor 1 (TCF-1) limits intraepithelial lymphocyte anti-tumor immunity in colorectal carcinoma	Zahra Abbas- Understanding the immunology of brain cancers in the context of mammalian development	Anuik Kruawan-Development of a point-of-care field diagnostic test for DFT1 and DFT2w	Saem Park-Proliferating macrophages in human melanoma metastases	Jennifer Eom -Dissecting the heterogeneity of tumor-associated fibroblasts and their spatial relationship with T lymphocytes in hepatocellular carcinoma	Sandali Seneviratne A structural approach to unravelling the role of IRF4 mutations in lymphoid malignancies
260-098 Lecture Theatre (569)		Workshop 2: Chronic inflammation & autoimmunity	Chairs: Georgina Lenihan-Gels, Andrew Highton	Scott Byrne-Self-derived immunomodulatory peptide RP23 as a novel therapeutic for inflammatory diseasesw	Adrian Lee-Clonotypic tracking and functional analysis of rheumatoid factors in patients with Sjögren's syndrome	Jack Polmear-Targeting BMI-1 to deplete antibody-secreting cells in autoimmunityw	Julia Elyyard-Rare SH2B3 coding variants identified in lupus patients impair B cell tolerance and predispose to autoimmunity	Ying Wong - Type 1 diabetes (T1D) through the lens of single-cell transcriptomics	Kunyu Li A p53 isoform Δ133p53 promotes inflammation and contributes to the development of IBD/IBD
260-092 OGGB3 (289 pax)		Workshop 3: Human & clinical immunology	Chairs: Dan Verdon, Marcel Nold	14:00 Carolien van de Sandt- Newborn/child-like molecular signatures in elderly stem from age-related TCR repertoire shifts across the human lifespan	14:13 Tejas Menon - Prominent CD8+ T cell responses are directed at novel conserved influenza B virus epitopes across anatomical sites and age groups.w	14:26 Stephanie Trend - Temporal dynamics of Epstein-Barr Virus Nuclear Antigen-1 B cell responses in early multiple sclerosis	14:39 Yomani Sarathkumara- Characterization of the humoral immune response to the EBV proteome in EBV-associated lymphomas	14:52 Ryan Thwaites-Large scale phenotyping of long COVID inflammation reveals monocytic inflammation and mechanistic subtypes of diseasew	15:05 Marcel Nold-Anakinra Pilot- A First-in-Population Clinical Trial Assessing Safety, Feasibility and Pharmacokinetics of IL-1 Receptor Antagonist in Preterm Infants
260-073 OGGB4 (291 pax)		Workshop 4: Mucosal immunology	Chairs: Laura Cook, Lucille Rankin	Lucille Rankin-Distinct control of gut-resident Gata3+ Treg cell homeostasis by necroptosis.	Sohinee Sarker-Vaccinating against the protease HtrA protects against Helicobacter pylori-induced gastritis w	Isabelle Montgomerie-A critical role for NKT cells in the generation of high affinity antibody at the mucosa	Hamish McWilliam-Immune system-microbe crosstalk is mediated by macrophage MMR1 antigen presentation.	Hannah Boswell-Activating dendritic cells by MAIT and NKT cells promotes unique adaptive immune responses in the lung	Tufael Ahmed-A maternal high fat diet predisposes the offspring to severe lower respiratory infection by inducing GCSF-mediated low-grade systemic inflammation w
260-115 F&PAA Auditorium		15:30	Equity, Diversity and Inclusion Session	Chair: Diana Hansen	Clive Aspin-Lessons learned from HIV and COVID-19 and their contribution to the health and well-being of indigenous peoples				
260-101 level 1 Foyer									
260-100L5 F&PAA Lobby + John Hood Plaza (weather permitting) otherwise this will be held on level 0 in the foyer		16:00 Poster 1							
16:30		Burnet Oration Reception							
17:30									
260-115 F&PAA Auditorium		Burnet Oration	Chair: Gabrielle Belz	David Tarlinton					
Wednesday 6 Dec									
8:00									
260-115 F&PAA Auditorium (569 pax)		Plenary 3:	Chairs: Si Ming Man, Joanna Groom, Sammy Bedoui	Jonathan Kagan - Regulation of Innate Immunity	Joanne Reed - Tracking autoantibodies and clonal B cells to personalise monitoring and treatment of autoimmune disease	Carolyn King - HIF or miss: Resident CD4 T cells and the lung immune network			
level 0 in the foyer		10:00 MORNING TEA							
10:40									
				10:40	11:05	11:30	11:55		

260-115 F&PAA Auditorium		Symposium 3: Chronic Inflammation and Autoimmunity	Chairs: Patrick Bertolino, Bernadette Saunders	Megan Levings-Engineering tolerance with regulatory T cells	Carl Feng - Untangling the complexity of granulomas with spatial biologys	Emma Hamilton-Williams- Targeting host-microbiota interactions in type 1 diabetes	Iain Comerford - Molecular control of pathogenic Th17 cells in CNS autoimmunity		
260-098 Lecture Theatre		Symposium 4: Tumour Immunology	Chairs: Lisa Mielke, Ian Hermans	Tatyana Chtanova - Inflammation, infection and cancer immunotherapy through the lens of intravital imaging	W Joost Lesterhuis - Cancer immunotherapy: there is a time and a place	Marian Burr - Epigenetic Mechanisms of Immune Evasion in Cancer	Clare Slaney - Enhancing CAR T cell therapy by enabling their interaction with antigen-presenting cells		
level 0 in the foyer	12:20	LUNCH							
260-115 F&PAA Auditorium (569 pax)	12:50	AGM							
260-115 F&PAA Auditorium (569 pax)	14:00	Workshop 5: Best of ICB & CTI	Chairs: Magda Ali, Gabrielle Belz	Michelle Tate (virtual)	14:15 Wuji Zhang - CTI	14:30 Emma Hamilton-Williams - Microbiome targeting in type 1 diabetes - the power of multomics	14:45 Lukasz Kedzierski -CTI	15:00 Michelle Linterman - ICB	15:15 Felix Marsh-Wakefield-ICB PUBLICATION OF THE YEAR: Peripheral B-cell dysregulation is associated with relapse after Nloenrgo-tiemmm uquuelosegynce
260-098 Lecture Theatre (569)		Workshop 6: Tumour Immunotherapy	Chairs: Lisa Ebert, Rachel Perret	Lisa Ebert - Tumour-homing T cells in the blood predict responsiveness to anti-PD1 immunotherapy in melanoma patients	Isabelle Munoz - Targeting Ikaros family members, using CRISPR/Cas9 technology, improve CAR-T cells efficacy and persistence.	Kah Min Yap - Identifying Optimal Tumour-specific Promoters for CRISPR Knock-in Generated Armoured CAR T Cells	Wenbo Yu - Development of CAR-BITEs for the treatment of glioblastoma	Breana Vitali - Surgery-induced neutrophils improve the therapeutic response to neoadjuvant immune checkpoint therapy	Yee Chern Tee-Targeting the microbiome enhances the therapeutic index of immune agonist antibodies for the treatment of microsatellite stable colorectal cancers
260-092 OGGB3 (289 pax)		Workshop 7: Molecular & systems immunology	Chairs: Damon Tumes, Olivier Lamiabe	Olivier Lamiabe - Dendritic cells and macrophages in healthy and atopic skins	Diana Hansen - Integrated systems immunology approach identifies persistent blood monocyte dysfunction induced by both symptomatic and clinically silent Plasmodium vivax malaria	Ashton Kelly - Unravelling the molecular basis of immune heterogeneity in Plasmodium falciparum infection using Systems Immunology	Denise Doolan - An aberrant transcriptomic and methylation profile in individuals with sickle cell trait is associated with protection against P. falciparum malaria	Julia Marchingo - Ultra-deep low cell number proteomics to unravel protein-level control of in vivo anti-viral T cell immunity	Adam Shahine-Spectrum of cellular lipids presented by the human CD1 family of antigen presenting molecules
260-073 OGGB4 (291 pax)		Workshop 8: Vaccines & COVID	Chairs: Nikki Moreland, Danika Hill	Natalie Stevens - Do COVID-19 vaccines induce trained immunity	Alexandra Spencer - Organ specific induction of tissue resident memory T cells through viral vector vaccination	Rama Dhenni -Subcapsular sinus macrophages mediate differential recall responses of local and recirculating memory B cells	Ana Maria Valencia Hernandez - Evaluation of a double mutant recombinant BCG vaccine candidate in immunocompetent and immunocompromised mouse models of tuberculosis	Logan Trim - The Development of an Effective Vaccine to Protect Against Female Genital Tract Chlamydia Infections	Lauren Holz-mRNA vaccine against malaria tailored for liver-resident memory T cells
260-051 OGGB5(142 pax)		Workshop 9: Innate immunity	Chairs: Dominic De Nardo, Kathryn Hally, Larisa Labzin	Rajan Venkatraman-STING's Silent Return: Investigating the Dynamics of STING Recovery and Its Impact on Immune Signalling	Daniel Enosi Tuipulotu-Discovery and characterisation of novel NLRP3 inflammasome inhibitors	Abigail Grootveld-Cellular dynamics of tingible body macrophages locally activated by apoptotic cells in the germinal centre	Yu-Anne Yap-Human CXCR1 knock-in mice infer functional expression of a murine ortholog	Sophia-Louise Noble-Helminth infection induces an IL-13 dependent subtype of tissue-resident eosinophils in the murine lung.	Shengbo Zhang-Harnessing Heterogeneity: Unveiling Transcriptional Diversity in Type 2 Conventional Dendritic Cells
260-101 level 1 Foyer	15:30	Poster 2							
260-115 F&PAA Auditorium (569 pax)	17:00	New Investigator award	Chairs: Joanne Reed, Mark Chong	Alexandra Dvorscek - T cell-dependent B cell responses are shaped by the amount, affinity and specificity of antigen-specific antibody	Md Jahangir Alam - Alam-Gut-derived short-chain fatty acids suppress skin inflammation and ameliorate atopic dermatitis via metabolite-sensing GPCRs and inhibition of Histone Deacetylase 9	Qitong Huang - GF1B determines specificity of lung tissue-resident multipotent ILC	Timothy Patton - An unconventional death: Impact of necroptotic cell death machinery on mucosal-associated invariant T cell abundance	Caroline Soliman - Characterisation of CD1c-restricted T cells in humans	18:00 Lelin Duong-Targeting hyperactive mTOR signalling in tumour-associated macrophages improves mesothelioma cancer outcomes in elderly mice n
The Paddington	19:30	Student function							
Thursday 7 Dec									
260-115 F&PAA Auditorium (569 pax)	8:00	Plenary 4:	Chairs: Rod Dunbar, Antje Blumenthal, Isabelle Montgomerie	Catherine Bollard - Cell Therapies for Blood Cancer: Lessons from Lymphoma	Si Ming Man - Inflammasome sensing in inflammation and cancer	Marcus Robinson - The unexpected importance of plasma cell death			
level 0 in the foyer	10:00	MORNING TEA							
260-115 F&PAA Auditorium	10:40	Symposium 5: Infection and Immunity	Chairs: Odilia Wijburg, Daniel Pellicci	Philip Santangelo - Protecting the respiratory tract from infection via nebulizer delivered mRNA-encoded antibodies	11:05 Nikki Moreland - Rheumatic Fever - Does IgG3 link the chain from Strep A to the heart? S	11:30 James Ussher -Regulation of mucosal associated invariant T (MAIT) cell activation	11:55 Kuang-Chih Hsiao - A genetic variant in IFNAR1 and heightened host susceptibility to severe viral infections in humans		

260-098 Lecture Theatre		Symposium 6: Ageing and Metabolism	Chairs: Michelle Linterman, Andrew Murphy	David O'Sullivan - Exploring the influence of dietary factors on immune cell metabolisms	Connie Jackaman - Dysregulated pro-inflammatory macrophages in the elderly impair responses to acute peripheral injury and lead to neuroinflammation	Michael J Rogers - The good and bad of osteoporosis therapy: off-target effects of bisphosphonate drugs on the immune system and mevalonate metabolism	Kylie Quinn - The Impact of T Cell Ageing on CAR T Cell Therapy
level 0 in the foyer	12:20	LUNCH					
	12:50	ICB's 100th	Chairs: Anne La Flamme, Jessica Borger	Gabrielle Belz	John Fraser	Su Henzel	Panel discussion: Adrian Liston, Gabrielle Belz, Anne La Flamme, Christopher Parish
260-115 F&PAA Auditorium (569 pax)							Cake cutting
	14:30	Workshop 10: Infection & Immunity	Chairs: Merilyn Hibma, Jacelyn Loh	Zeeshan Chaudhry - Decoding Enduring Immunity: Transcriptional Regulation of Long-Term CD8+ T Cell Memory	Jet Van Den Dijssel - Parallel detection of SARS-CoV-2-specific CD8+ T-cells reveals broad and robust T-cell activation in mRNA-1273 vaccinated TNFi-treated inflammatory bowel disease patients	Griffith Perkins - mTOR inhibition improves the formation of functional T cell memory to COVID-19 vaccination of kidney transplant recipients and mice	Clara Young - A series of unfortunate somatic events in virus-induced autoimmune disease
260-115 F&PAA Auditorium (569 pax)		Workshop 11: Lymphocytes	Chairs: Emily Edwards, Kevin Man	Sarah Robertson - immune perturbation at conception adversely impacts fetal developmental programming of the adult offspring immune response	Ajithkumar Vasanthakumar - Genome organisation and multi-layered transcriptional circuitries regulate the differentiation of effector regulatory T cells	M Arifur Rahman - Deletion of TACI protects against autoimmune diseases through T cell dependent and independent pathways in genetically predisposed hosts	Zhengyu Ge - IL-4 promotes the generation of liver-resident T cell memory
260-098 Lecture Theatre (569)		Workshop 12: Stromal and metabolism	Chairs: David O'Sullivan, Connie Jackamann	Allison Pettit - CSF1R-deficient rats and phenotypic rescue following bone marrow transfer expose differential myeloid cell contributions to postnatal bone growth	Andrew Murphy - Cholinergic regulation of bone marrow microenvironment influences hematopoietic stem cell mobilization	Yangsong Xu - Exploring the role of type I interferon in B-glucan-mediated reprogramming of haematopoietic stem cells	Katherine Irvine Reversible expansion of tissue macrophages in response to macrophage colony-stimulating factor (CSF1) transforms systemic lipid and carbohydrate metabolism
260-092 OGGB3 (289 pax)		Workshop 13: Neuroimmunology	Chairs: Justin Rustenhoven, Katharina Robichon	Claire Wishart - Monocyte metabolic profiling in CNS disease uncovers glycolysis as a therapeutic target to reduce inflammatory pathology	Mackenzie Kiernan - The role of regulatory T cells in remyelination, following kappa opioid receptor agonist treatment	Nadia Roberts - Liposomal drug delivery: targeting therapies for neuroinflammation	Anne La Flamme - The novel HS-mimetic, Tet-29, regulates immune cell trafficking across CNS barriers.w
260-073 OGGB4 (291 pax)		Workshop 14: Educational SIG	Chairs: Kathryn Hally, Andrew Highton	Daniel Clarke - Innovating immunology practical classes - students take the lead!	Jessica Borger - Getting to the CoRe of Flow Cytometry	Marla Demaria - Developing global citizens and creative scholars using authentic assessment in immunology	Danica Hickey - Building a community of practice and collegial collaboration with BioRender to enhance student understanding and application of immune processes
260-051 OGGB5(142 pax)							Dana G Lee - T cell infiltration and widespread microglial activation in the brain in a mouse model of chronic toxoplasmosis.w
260-101 level 1 Foyer	16:00	Poster 3					Abbey Figliomeni-Activated phenotype of MAIT cells in Parkinson's disease correlates with the composition of the gut metabolome.
260-115 F&PAA Auditorium (569 pax)	17:30	Lafferty Debate					
Pullman Hotel Princes Ball room	19:30	Conference dinner					
Friday 8 Dec							
	8:30	Plenary 5:	Chairs: Marian Burr, Nathaniel Dasyam	Ido Amit (virtual)	8:30 Cecile King - Retrotransposon control of the immune response	9:05 Antoine Guerin - Helper T cell immunity in humans with inherited CSF1R deficiency	
260-098 Lecture Theatre (569)		MORNING TEA					
260-098 Lecture Theatre (569)	10:00	Plenary 6:	Chairs: Elissa Deenick, Michaela Lucas	10:30 Lisa Connor - Harnessing Innate-like T cells for mucosal vaccine adjuvants	11:05 Adrian Liston - A pan-tissue model for tissue regulatory T cells	11:40 Danika Hill - Experimental human Streptococcus pyogenes pharyngitis causes diverse systemic and mucosal antibody responses to key vaccine	
260-098 Lecture Theatre (569)	12:00	LUNCH					
260-098 Lecture Theatre (569)	12:30	Postgraduate lecture	Chair: TBA	Rod Dunbar			
260-098 Lecture Theatre (569)	13:30	Prize giving/Closing					
260-098 Lecture Theatre (569)	15:00	END					