Victorian Infection & Immunity Network

Young Investigator Symposium

Friday 8th November 2024
Monash Institute of Pharmaceutical Sciences
Royal Parade, Parkville

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Program-at-a-Glance 2024

FRIDAY 8 NOVEMBER		
Time	**Session**	**Location**
08:15 – 08:50	**Registration** (Includes transit time to Lecture Theatres)	Sisson's Foyer in Cossar Hall
08:50 – 09:00	**Welcome and Acknowledgement of Country**	Lecture Theatre 3
09:00 – 09:45	**Session 1: Oral Presentations** **Theme: Modelling Host-Pathogen Interactions**	Lecture Theatre 3
09:45 – 10:20	**Session 2: Keynote Speaker, Dr Danika Hill – Laboratory Head, Department of Immunology, School of Translational Medicine, Monash University**	Lecture Theatre 3
10:20 – 11:00	**Morning Tea** (Includes transit time from and to Lecture Theatres)	Cossar Hall
11:00 – 11:45	**Session 3: Science Bites I**	Lecture Theatre 3
11:45 – 12:30	**Session 4: Oral Presentations** **Theme: Inflammation and Innate Immunity**	Lecture Theatre 3
12:30 – 13:40	**Lunch and Poster Session I** (Includes transit time from and to Lecture Theatres)	Cossar Hall
13:40 – 14:25	**Session 5: Oral Presentations** **Theme: Immunity at the Host-Pathogen Interface**	Lecture Theatre 3
14:25 – 15:00	**Session 6: Keynote Speaker, Prof Stephanie Gras – Laboratory Head and Deputy Director, La Trobe Institute for Molecular Science (LIMS), La Trobe University**	Lecture Theatre 3
15:00 – 15:40	**Afternoon Tea** – Sponsored by BMG Labtech & QIAGEN (Includes transit time from and to Lecture Theatres)	Cossar Hall
15:40 – 16:25	**Session 7: Science Bites II**	Lecture Theatre 3
16:25 – 17:10	**Session 8: Oral Presentations** **Theme: Adaptive Immunity and Therapeutics**	Lecture Theatre 3
17:10 – 18:20	**Evening Networking and Poster Session II** – Sponsored by QIAGEN & BMG Labtech (Includes transit time from Lecture Theatres)	Cossar Hall
18:20 – 18:40	**Prizes, Acknowledgements and Conclusion** – Including Hartland Oration Prize winner for 2024 **Presented by VIIN Co-Convenors:** **Prof Gilda Tachedjian and Prof Richard Ferrero**	Cossar Hall

Program is preliminary and may be subject to change (current version 241023)

Friday 8 November: 8.15 am – 6.40 pm

Time	Session	Location
08:15 – 08:50	**Registration** (Includes transit time to Lecture Theatres)	Sisson's Foyer in Cossar Hall
08:50 – 09:00	**Welcome and Acknowledgement of Country** **Chairs: TBC**	Lecture Theatre 3
09:00 – 09:45	**Session 1: Oral Presentations** **Theme: Modelling Host-Pathogen Interactions** **Chairs: TBC**	Lecture Theatre 3
09:00	**Using human intestinal organoids to study EPEC infection** Eva Chan, Hudson Institute of Medical Research; Early Career Researcher	
09:10	**Modelling & targeting cytokine storm in dengue-infected mice** William Clow, Walter and Eliza Hall Institute of Medical Research; PhD Student	
09:20	**Elucidating effects of single and multiple resistance mechanisms on *Pseudomonas aeruginosa* response to meropenem by mechanism-based mathematical modelling** Dominika Fuhs, Monash Institute of Pharmaceutical Sciences; PhD Student	
09:30	**Development of *ex vivo* models of nasal epithelia to elucidate the mechanism of *Bordetella bronchiseptica*-mediated blockade of influenza virus replication in the nasal cavity** Lynn Nazareth, Australian Centre for Disease Preparedness, CSIRO; Early Career Researcher	
09:45 – 10:20	**Session 2: Keynote Speaker – Dr Danika Hill** **Laboratory Head, Dept. of Immunology, Monash University** **Chairs: TBC**	Lecture Theatre 3
09:50	**What can sore throats teach us about future *Streptococcus pyogenes* vaccines?** Danika Hill, Laboratory Head, Department of Immunology, School of Translational Medicine, Monash University	
10:10	**Q&A**	
10:20 – 11:00	**Morning Tea** (Includes transit time from and to Lecture Theatres)	Cossar Hall
11:00 – 11:45	**Session 3: Science Bites I** **Chairs: TBC**	Lecture Theatre 3
11:02	**Protecting Australia's abalone: A herpesvirus (HaHV-1) defence strategy** Jacinta Agius, Department of Microbiology, Anatomy, Physiology and Pharmacology, La Trobe University; PhD Student	
11:06	**Functional assessment of the NOD2 signalling pathway in patients with inborn errors of immunity** Ebony Blight, Department of Immunology, Monash University; PhD Student	
11:10	**Transient inhibition of type I interferon enhances CD8+ T cell stemness and vaccine protection** Benjamin Broomfield, Walter and Eliza Hall Institute of Medical Research; PhD Student	

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11:14	**Age-related differences in mRNA vaccine immunogenicity and adjuvancy** Shivali Savita Chinni, School of Health and Biomedical Sciences, RMIT University; PhD Student	
11:18	**Examining the neuropathogenesis of influenza A virus and SARS-CoV-2** Asmaa Hussein, University of Melbourne & Peter Doherty Institute for Infection and Immunity; PhD Student	
11:22	**Female mice exhibit enhanced TLR7-dependent interferon and cytokine responses to respiratory syncytial virus infection** Thomas Huttmann, School of Health and Biomedical Sciences, RMIT University; Honours Student	
11:26	**Anti-inflammatory effects of L-sulforaphane against SARS-CoV-2** Leanne Quah, Murdoch Children's Research Institute; Research Assistant	
11:30	**Machine learning accelerates screening of diagnostic targets for *Neisseria gonorrhoeae*** Andrey Verich, The Kirby Institute, University of New South Wales; PhD Student	
11:34	**Applying pro-apoptotic agents to combat chronic HIV infection *in vivo*** Le Wang, Walter and Eliza Hall Institute of Medical Research; PhD Student	
11:45 – 12:30	**Session 4: Oral Presentations** **Theme: Inflammation and Innate Immunity** **Chairs: TBC**	Lecture Theatre 3
11:45	**The overlap between lipid droplets and extracellular vesicles in viral infection** Irumi Amarasinghe, La Trobe Institute for Molecular Science; PhD Student	
11:55	**Divergent roles of necroptosis in skin inflammation and wound healing** Holly Anderton, Walter and Eliza Hall Institute of Medical Research; Early Career Researcher	
12:05	**Influenza A-induced inflammation in alveolar macrophages, but not epithelial cells, requires Toll-Like Receptor 7** Ameanah El-Hennawi, Centre for Respiratory Science and Health, RMIT University; Honours Student	
12:15	**The plasma metabolome of juvenile idiopathic arthritis differs by subtype and is partially explained by chronic inflammation: a case-control study** Jooa Kwon, Murdoch Children's Research Institute; PhD Student	
12:30 – 13:40	**Lunch and Poster Session I** (Includes transit time from and to Lecture Theatres) **See below for more information**	Cossar Hall
13:40 – 14:25	**Session 5: Oral Presentations** **Theme: Immunity at the Host-Pathogen Interface** **Chairs: TBC**	Lecture Theatre 3
13:40	**Characterization of the immune paralysis of splenic macrophages following systemic inflammation** Laura Bahr, University of Melbourne & Peter Doherty Institute for Infection and Immunity; PhD Student	
13:50	***Helicobacter pylori* Tipα is a novel nucleomodulin that is secreted on extracellular vesicles that target the nucleus** Jack Emery, Hudson Institute of Medical Research; PhD Student	

14:00	**Human unconventional T cells shape the early immune response to Group A Streptococcus** Christopher Menne, Murdoch Children's Research Institute; Early Career Researcher	
14:10	**Type 2 diabetes exacerbates fungal infection in mice, possibly by blunting the immune response** Helen Stölting, Department of Biochemistry and Molecular Biology, Monash Biomedicine Discovery Institute, Monash University; Early Career Researcher	
14:25 – 15:00	**Session 6: Keynote Speaker – Prof Stephanie Gras** **Deputy Director, La Trobe Institute for Molecular Science** **Chairs: TBC**	Lecture Theatre 3
14:30	**Immune signalling from a structural biology perspective** Stephanie Gras, Laboratory Head and Deputy Director, La Trobe Institute for Molecular Science (LIMS), La Trobe University	
14:50	**Q&A**	
15:00 – 15:40	**Afternoon Tea** – Sponsored by BMG Labtech & QIAGEN (Includes transit time from and to Lecture Theatres)	Cossar Hall
15:40 – 16:25	**Session 7: Science Bites II** **Chairs: TBC**	Lecture Theatre 3
15:42	**Human stem-cell models revealed altered infection responses in AATD** Sahel Amoozadeh, University of Melbourne & Murdoch Children's Research Institute; PhD Student	
15:46	**Disentanglement of tumour-associated exhausted (TEX) and tissue-resident memory T (TRM) cells** Thomas Burn, Department of Microbiology and Immunology, University of Melbourne; Early Career Researcher	
15:50	**Response and resistance to combination immune checkpoint blockade associate with distinct baseline and on-treatment blood T-cell profiles in melanoma patients** Jack Edwards, Department of Immunology, Monash University; PhD Student	
15:54	**HIV transcription persists in the brain of virally suppressed people with HIV** Janna Jamal Eddine, RMIT University; PhD Student	
15:58	**Deciphering and targeting of transcriptional drivers of T cell exhaustion** Sining Li, University of Melbourne & Peter Doherty Institute for Infection and Immunity; PhD Student	
16:02	**Developing precision RNA therapeutics for tuberculosis** Jan Schaefer, Walter and Eliza Hall Institute of Medical Research; PhD Student	
16:06	**Polyphenol rich sugarcane extract (PRSE) has potential antiviral activity against influenza A virus *in vitro*** Caolingzhi Tang, Department of Microbiology and Immunology, University of Melbourne; PhD Student	
16:10	**Predicting antibiotic effect on *Pseudomonas aeruginosa* with mechanism-based modelling where PK/PD indices cannot** Alice Terrill, Monash Institute of Pharmaceutical Sciences; PhD Student	

16:14	**Identification of B cell epitopes in serological exposure markers for improved *Plasmodium vivax* surveillance** Hanqing Zhao, Walter and Eliza Hall Institute of Medical Research; PhD Student	
16:25 – 17:10	**Session 8: Oral Presentations** **Theme: Adaptive Immunity and Therapeutics** **Chairs: TBC**	Lecture Theatre 3
16:25	**Leveraging the position of lymph node memory CD8+ T cells to enhance protective immunity** Brigette Duckworth, Walter and Eliza Hall Institute of Medical Research & University of Melbourne; Early Career Researcher	
16:35	**Reaction hijacking inhibition of tRNA charging enzymes of malaria parasites and bacteria** Nutpakal Ketprasit, Bio21 Institute, Department of Biochemistry and Pharmacology, University of Melbourne; PhD Student	
16:45	**The Medicines for Malaria Venture Pathogen Box compound MMV687794 impairs blood-stage *Plasmodium falciparum* invasion through potential inhibition of parasite lipid metabolism** Dawson Ling, Walter and Eliza Hall Institute of Medical Research; Early Career Researcher	
16:55	**The characterisation of human Vδ3+ γδT cells and the development of bispecific antibodies to harness their function** Tina Zhang, University of Melbourne & Peter Doherty Institute for Infection and Immunity; PhD Student	
17:10 – 18:20	**Evening Networking and Poster Session II** – Sponsored by QIAGEN & BMG Labtech (Includes transit time from Lecture Theatres) **See below for more information**	Cossar Hall
18:20 – 18:40	**Prizes, Acknowledgements and Conclusion** – Including Hartland Oration Prize winner for 2024 **Presented by VIIN Co-Convenors:** **Prof Gilda Tachedjian and Prof Richard Ferrero**	Cossar Hall

Poster Session I: 12.30 pm – 1.40 pm

12:30 – 13:40	**Lunch and Poster Session I** (Includes transit time from and to Lecture Theatres) **Poster judging to be finalised by 13:25**	Cossar Hall
Poster Number	**Poster Details**	
1	**Precise CRISPR insertion for deciphering immune interactions** Tim Muusse, Manufacturing Research Unit, CSIRO; Early Career Researcher	
2	**Understanding the molecular mechanism of recognition of *Bacteroides fragilis* produced glycosphingolipids by Natural Killer T (NKT) cell receptors** Vasudha Maddali, Department of Biochemistry and Molecular Biology, Monash University; PhD Student	
3	**Crohn's associated invariant T cells recognise small molecules on CD1d** Alison White, Peter Doherty Institute for Infection and Immunity & University of Melbourne; Honours Student	
4	**Exploring trogocytosis between DC and B cells** Laura Almagro, Department of Biochemistry and Pharmacology, University of Melbourne; PhD Student	
5	**Microfluidic solution for evaluating exhausted T cells' response toward PD-1 blockade efficacy** Wei-Che Chang, Integrated Photonics and Applications Centre (InPAC), RMIT University; PhD Student	
6	**Discovering targets of long-lived humoral immunity for Group A Streptococcus vaccine design** Holly Fryer, Department of Immunology, Monash University; PhD Student	
7	**Using rabies virus as a tool to understand the mechanisms of synapse formation in the brain** Steph Olliff, Deakin University & Australian Centre for Disease Preparedness, CSIRO; PhD Student	
8	**Characterisation of novel cytokine interferon epsilon in the murine peritoneal cavity** Jasmine Chuah, Hudson Institute of Medical Research; PhD Student	
9	**Prenatal and early life viral infection synergistically modify expression of cholinergic, dopaminergic and complement C4 genes in the hippocampus and prefrontal cortex in mice** Paneet Dhaliwal, Centre for Respiratory Science and Health, RMIT University; Honours Student	
10	**Identification of metabolic candidates contributing to the comorbidity of diabetes, cardiopulmonary, and cardiovascular diseases** Zeki Ilker Kanbagli, Monash Institute of Pharmaceutical Sciences; Early Career Researcher	
11	**Remodelling of the plasma proteome by sex hormones in a longitudinal model of feminizing gender-affirming hormone therapy** Ngoc Lan Nhi Nguyen, Murdoch Children's Research Institute; Masters Student	
12	**Temporal and cross-serotype analysis of dengue T cell targets to inform vaccine design** Jingjing Liu, Department of Electrical and Electronic Engineering, University of Melbourne; PhD Student	

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13	**Immunogenic HLA-B*44:03 restricted peptide does not induce the same response in individuals with B*44 superfamily molecules** Samuel Liwei Leong, La Trobe Institute for Molecular Science; PhD Student
14	**COVID-19 results in broad autoantigen recognition post-infection, with anti-calprotectin autoantibodies associated with better clinical outcomes** Rhiane Moody, School of Health and Biomedical Sciences, RMIT University; Early Career Researcher
15	**Increased spike-specific IgG4 following has variable consequences on FcγR-mediated responses** Carissa Aurelia, Peter Doherty Institute for Infection and Immunity & University of Melbourne; PhD Student
16	**P-cresol sulfate acts on epithelial cells to reduce allergic airway inflammation** Rhiannon Grant, Department of Immunology, Monash University; PhD Student
17	**Association of *Plasmodium falciparum* specific afucosylated IgG with placental malaria protection** HongHua Ding, Peter Doherty Institute for Infection and Immunity; PhD Student
18	**Fc-dependent functional antibody responses in immunity to severe *Plasmodium falciparum* malaria in children** Grace Wright, Burnet Institute; Masters Student
19	**Naturally acquired functional antibody responses to *Plasmodium vivax* vaccine candidates are associated with protection against clinical malaria infections** Pailene Lim, Walter and Eliza Hall Institute of Medical Research; Research Assistant
20	**Developing machine learning models to understand CRISPR-Cas13b silencing principles** Khoa Nguyen, Department of Electrical and Electronic Engineering, University of Melbourne; PhD Student
21	**High throughput antimicrobial screening at CSIRO** Srinivasan Jayashree, Biomedical Program, Manufacturing Research Unit, CSIRO; Research Assistant
22	**Predictive and generative AI for drug discovery: Identification of SARS-CoV2 NSP14 inhibitors** Thomas Coudrat, Manufacturing Research Unit, CSIRO; Mid-Career Researcher
23	**IL-6 as diagnostic and prognostic biomarker meta-analysis studies** Hina Amer, School of Health and Biomedical Sciences, RMIT University; PhD Student
24	**Parasite-host metabolic cross-talk to detect malaria** Teha Gebi, Monash Institute of Pharmaceutical Sciences; PhD Student
25	**How to catch a parasite red-handed: Looking for *Plasmodium falciparum* exported proteins in the infected hepatocyte using proximity ligation** Elena Lantero-Escolar, Walter and Eliza Hall Institute of Medical Research; Early Career Researcher
26	**Defining targets and mechanisms of action of immunity against *Plasmodium vivax* circumsporozoite protein** Rosy Cinzah, Burnet Institute & Department of Medicine, University of Melbourne; PhD Student

27	**A comprehensive analysis of the regulatory mechanisms underlying the enzymes of the TCA cycle-glyoxylate shunt junction in *Mycobacterium tuberculosis* as a novel drug target for the age-old pandemic** Evelyn Huang, School of Chemistry, University of Melbourne; PhD Student
28	**Defining the on-target activity of *P. falciparum* plasmepsin V peptidomimetic inhibitors** Wenyin Su, Walter and Eliza Hall Institute of Medical Research; PhD Student
29	**Proteomics-based drug target identification in *Plasmodium falciparum*** Yijia Ji, Monash Institute of Pharmaceutical Sciences; Honours Student
30	**Interrogating circulating immune cell methylome differences across the TB disease spectrum** David Vincent Romero, Walter and Eliza Hall Institute of Medical Research; PhD Student
31	**Inhibition of type I interferon signalling during *Shigella flexneri* infection** Anita Chaulagain, Monash University & Hudson Institute of Medical Research; PhD Student
32	**Metabolic mysteries of bat urine and faeces: A potential non-invasive tool to monitor flying foxes under different ecological conditions** Avirup Sanyal, Griffith University & Australian Centre for Disease Preparedness, CSIRO; PhD Student
33	**Rifaximin and the evolution of daptomycin-resistant *Enterococcus faecium*** Adrianna Turner, Department of Microbiology and Immunology, University of Melbourne; Early Career Researcher
34	**Establishing novel therapeutics for HTLV-1** Lewis Williams, Walter and Eliza Hall Institute of Medical Research; Early Career Researcher
13:25	**Judging to be finalised**
13:40	**[Return to main program above]**

Poster Session II: 5.10 pm – 6.20 pm

17:10 – 18:20	**Evening Networking and Poster Session II – Sponsored by QIAGEN & BMG Labtech** (Includes transit time from Lecture Theatres) **Poster judging to be finalised by 18:05**	Cossar Hall
Poster Number	**Poster Details**	
35	**Decoding the effector-mediated dialogue between *Coxiella burnetii* and its host during infection** Genevieve Samuel, Department of Microbiology, Monash Biomedicine Discovery Institute, Monash University; PhD Student	
36	**Rational design of live bacterial therapeutics to clear *Klebsiella pneumoniae* from the gut** Sher Maine Tan, Department of Microbiology and Immunology, University of Melbourne; PhD Student	
37	**Exploring bacteriocins in infection-causing *Klebsiella* isolates** Abhinaba Ray, Monash Biomedicine Discovery Institute, Monash University; PhD Student	
38	**Identification and characterisation of *Cryptosporidium* effector proteins in host-pathogen interaction** Lena Chng, Walter and Eliza Hall Institute of Medical Research; PhD Student	
39	***Legionella pneumophila* Dot/Icm effector triggers host heat shock response to facilitate intracellular replication** Rachelia Wibawa, Hudson Institute of Medical Research; Early Career Researcher	
40	**Ecology and diversity of Avian paramyxovirus 1, the causative agent of Newcastle disease, in Australian wild birds** Sebastian Carmody, Australian Centre for Disease Preparedness, CSIRO & Peter Doherty Institute for Infection and Immunity, University of Melbourne; Honours Student	
41	**Characterization of the structure and dynamics of oral polymicrobial biofilms** Bindusmita Paul, Department of Biochemistry and Pharmacology, University of Melbourne; PhD Student	
42	**Aztreonam and ciprofloxacin combination therapy yields synergistic results for resistant *Pseudomonas aeruginosa* strains** Charlotte Picton, Monash Institute of Pharmaceutical Sciences; Honours Student	
43	**The molecular mechanisms of axon degeneration in flavivirus infection** Heather Irving, Australian Centre for Disease Preparedness, CSIRO; Masters Student	
44	**Systemic inflammation in solid tumour malignancy patients impairs generation of *de novo* SARS-CoV-2 vaccine responses** Ruth Purcell, Peter Doherty Institute for Infection and Immunity & University of Melbourne; PhD Student	
45	**Unravelling the impact of changing ionizable lipids on mRNA-LNP vaccine pharmacokinetics and biodistribution** Yuxiang Ren, Monash Institute of Pharmaceutical Sciences; PhD Student	
46	**Developing novel lipid nanoparticles to reprogram lung macrophages** Joshua Iscaro, Centre for Respiratory Science and Health, RMIT University; PhD Student	

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47	**Using big data for rational vaccine design to elicit broadly neutralizing antibodies against Hepatitis C virus** Haiyi Ye, Department of Electrical and Electronic Engineering, University of Melbourne; PhD Student
48	**Serological and molecular analyses define the antigenic evolution of the influenza B virus neuraminidase over 81 years** Thi Hoai Thu Do, Peter Doherty Institute for Infection and Immunity & University of Melbourne; PhD Student
49	**Nanospike surfaces: A new frontier in viral infection control** Samson Mah, School of Health and Biomedical Sciences, RMIT University & Manufacturing Research Unit, CSIRO; PhD Student
50	**iNKT cells develop through a 4-stage pathway in human thymus** Naeimeh Tavakolinia, Department of Microbiology and Immunology, University of Melbourne; PhD Student
51	**The influence of repeated influenza exposure on the CD8+ T cell response** Cristina Triffon, Burnet Institute; Early Career Researcher
52	**Age-related changes in T cell early activation events** Anna Iasinskaia, School of Health and Biomedical Sciences, RMIT University; PhD Student
53	**2'-O-Methyl-guanosine 3-base RNA fragments mediate essential natural TLR7/8 antagonism** Sunil Sapkota, Hudson Institute of Medical Research; Early Career Researcher
54	**Mechanisms of mRNA vaccine adjuvancy in aged human dendritic cells** Valeeshah Rashid, School of Health and Biomedical Sciences, RMIT University; Honours Student
55	**Lipidation of Kv1.3 blocking peptide HsTX1[R14A] alters its pharmacokinetics and biodistribution to target tissues** Lihuan Lin, Monash Institute of Pharmaceutical Sciences; PhD Student
56	**Assessing immune competence to SARS-CoV-2 vaccination in patients with inflammatory bowel disease receiving anti-TNF treatment** Lachlan Bradbury, Department of Immunology, Monash University; Honours Student
57	**Evaluating immune response against SARS-CoV-2 in immunocompromised children** Leanne Quah, Murdoch Children's Research Institute; Research Assistant
58	**Uncovering the design principles of CRISPR/Cas13d as an effective antiviral strategy** Emily Hann, CSIRO & Deakin University; PhD Student
59	**Metabolic tracing in *P. falciparum* using a stable isotope labelling strategy** Junwei Tang, Monash Institute of Pharmaceutical Sciences; PhD Student
60	**Dual plasmepsin IX and X inhibitors are refractory to resistance** Paola Favuzza, Walter and Eliza Hall Institute of Medical Research; Early Career Researcher
61	**Association of novel IgG3 allele with malaria infections in children from Sepik region of Papua New Guinea** Maria Saeed, Peter Doherty Institute for Infection and Immunity & University of Melbourne; PhD Student

62	**Antibody responses in children given the RTS,S malaria vaccine with and without drug chemoprevention** Alexander Harris, School of Translational Medicine, Monash University; PhD Student	
63	**Investigating antibodies against cerebral malaria in children** Yuchi Ji, Peter Doherty Institute for Infection and Immunity; Masters Student	
64	**Dissecting germinal centre B cells induced by infection and vaccination during malaria** Jessica Canning, Burnet Institute & Department of Immunology, Monash University; PhD Student	
65	***Plasmodium falciparum*-infected erythrocytes inhibit neutrophil extracellular trap formation** Akachukwu Onwuka, Department of Infectious Diseases, University of Melbourne; PhD Student	
66	**Blood biomarker discovery: High-dimensional blood immune-profiling in children with different disease settings showed major age-related changes in proportion of immune cells** Sedi Jalali, Murdoch Children's Research Institute, Early Career Researcher	
67	**Seasonal antigenic prediction of influenza A H3N2 using machine learning** Syed Awais Wahab Shah, Department of Electrical and Electronic Engineering, University of Melbourne; Early Career Researcher	
18:05	**Judging to be finalised**	
18:20 – 18:40	**Prizes, Acknowledgements and Conclusion** **Presented by VIIN Co-Convenors:** **Prof Gilda Tachedjian and Prof Richard Ferrero**	Cossar Hall