

Programme

DAY 1	
08:30	Registration
09:00 - 09:15	Welcome and Housekeeping
09:15 - 10:00	Plenary Session 1, Chair: Jake Baum
	PL1 <i>Plasmodium knowlesi</i>: The fifth human malaria parasite? Bal Singh - Malaria Research Centre, University Malaysia Sarawak
10:00 - 10:30	Morning Tea
10:30 - 12:00	Session 1 - RBC Export, sponsored by NanoTechnology Systems Chairs: Tania de Koning-Ward & Nick Proellocks
10:30 - 10:45	T1 Genetic ablation of a membrane remodeling protein disrupts assembly of the <i>Plasmodium falciparum</i> virulence complex Matthew Dixon - Dept. of Biochemistry, La Trobe University
10:45 - 11:00	T2 Two main regulators of PfEMP1 trafficking Melanie Rug - Infection and Immunity Division, WEHI
11:00 - 11:15	T3 Does EXP2 form the membrane pore of the <i>Plasmodium falciparum</i> translocon? Hayley Bullen - Centre for Population Health, Burnet Institute
11:15 - 11:30	T4 Proteolytic processing by an Aspartyl protease reveals the molecular signal for protein export in <i>Plasmodium falciparum</i>-infected erythrocytes Justin Boddey - Infection and Immunity Division, WEHI
11:30 - 11:45	T5 <i>Plasmodium falciparum</i> FIKK kinases modify infected red blood cells by phosphorylating specific host proteins Lev Kats - Dept. of Microbiology, Monash University
11:45 - 12:00	T6 Structural rearrangements of the developing gametocyte: an essential process for parasite transmission Megan Dearnley - Dept. of Biochemistry, La Trobe University
12:00 - 12:45	Lunch
12:45 - 13:30	Poster Session (odd numbers)
13:30 - 15:00	Session 2 - Malaria in Pregnancy, sponsored by IJP Chairs: Phillippe Boeuf & Julie Simpson
13:30 - 13:45	T7 Antibodies to placental-binding infected erythrocytes: dynamics and protection during pregnancy in women receiving IPTp Elizabeth Aitken - Dept. of Medicine (RMH/WH), The University of Melbourne
13:45 - 14:00	T8 Do antibodies to <i>P. falciparum</i> merozoite antigens play a role in protection from malaria during pregnancy? Danielle Stanisc - Infection and Immunity Division, WEHI
14:00 - 14:15	T9 Development of optimal designs for population pharmacokinetic studies of artesunate Kris Jamsen - Centre for MEGA Epidemiology, The University of Melbourne
14:15 - 14:30	T10 Reduced 11-betaHSD2 expression in the pathogenesis of malaria during pregnancy Alexandra Jane Umbers - Medicine (RMH/WH), The University of Melbourne
14:30 - 14:45	T11 Effect of HIV on level and phagocytic function of PAM-specific antibodies in a cohort of Primigravidae women Ricardo Ataide - Dept. of Medicine (RMH/WH), The University of Melbourne
14:45 - 15:00	T12 Limited global diversity of antibody epitopes expressed by placental binding <i>Plasmodium falciparum</i> variants Mirja Hommel - Infection and Immunity Division, WEHI

15:00 - 15:30	Afternoon Tea
15:30 - 17:15	Session 3 - Cell Biology of <i>Plasmodium</i> Organelles Chairs: Giel van Dooren & Angelika Sturm
15:30 - 15:45	Tribute to Tim Spurk delivered by Geoff McFadden
15:45 - 16:00	^{T13} Identification of novel cytoskeleton protein families and flagella components based on a ciliate proteome and bioinformatic identification of repeat elements and their unique amino acid composition Dean Goodman - School of Botany, The University of Melbourne
16:00 - 16:15	^{T14} An unusual nuclear peroxiredoxin specific to malaria parasites Dave Richard - Infection and Immunity Division, WEHI
16:15 - 16:30	^{T15} The role of alternative histone variants in gene regulation of <i>Plasmodium falciparum</i> Michaela Petter - Dept. of Medicine (RMH/WH), The University of Melbourne
16:30 - 16:45	^{T16} Ectopic recombination during mitosis reveals that var gene switch rates are determined by sequence elements outside the gene and promoter Michael Duffy - Dept. of Medicine (RMH/WH), The University of Melbourne
16:45 - 17:00	^{T17} The engines of the relict plastid of malaria parasites Liting Lim - School of Botany, The University of Melbourne
17:00 - 17:15	^{T18} Malaria and babesia – similarities and differences Sejal Gohil - Dept. of Microbiology, Monash University
17:30	Cocktails at University House (free for all registrants)

DAY 2	
09:00 - 10:00	Plenary Session 2, Chair: Stuart Ralph
09:00 - 09:30	<p>PL2 Host Responses to malarial infections, with emphasis on the role platelets play in host protection Simon Foote - Menzies Research Institute, University of Tasmania</p>
09:45 - 10:00	<p>T37 Erythropoietic activity in bone marrow from children with severe malarial anemia Ariel Achtman - Infection and Immunity Division, WEHI</p>
10:00 - 10:30	Morning Tea
10:30 - 12:00	Session 4 - Merozoite Biology Chairs: Paul Gilson & Wai Hong Tham
10:30 - 10:45	<p>T19 Cellular and molecular interactions with heparin-like molecules during invasion of erythrocytes by <i>Plasmodium falciparum</i> merozoites Michelle Boyle - Infection and Immunity Division, WEHI</p>
10:45 - 11:00	<p>T20 Population structure of the genes encoding the <i>Plasmodium falciparum</i> vaccine candidate, Erythrocyte Binding Antigen 175 (EBA175) Andreea Iuga - Centre for Population Health, Burnet Institute</p>
11:00 - 11:15	<p>T21 The Relationship between Anti-merozoite Responses and Incidence of <i>Plasmodium falciparum</i> Malaria: A Systematic Review and Meta-Analysis Freya Fowkes - Infection and Immunity Division, WEHI</p>
11:15 - 11:30	<p>T22 Functional analysis of 6-cys domain merozoite surface antigens in <i>Plasmodium falciparum</i> Tana Taechalerpaisarn - Centre for Population Health, Burnet Institute</p>
11:30 - 11:45	<p>T23 Protective antibodies against <i>Plasmodium falciparum</i> merozoites- "time is of the essence" Jack Richards - Infection and Immunity Division, WEHI</p>
11:45 - 12:00	<p>T24 Imaging the dynamics of an essential parasite protein, MTRAP, during egress and invasion of the <i>Plasmodium falciparum</i> merozoite David Riglar - Infection and Immunity Division, WEHI</p>
12:15 - 12:45	Lunch
12:45 - 13:30	Poster Session (even numbers)
13:30 - 15:00	Session 5 - Host Responses to Malaria Chairs: Casilda Black and Joanne Casey
13:30 - 13:45	<p>T25 <i>Plasmodium falciparum</i>-induced Foxp3 expression in human CD4+ T cells is independent of direct TCR stimulation Anja Scholzen - Dept. of Immunology, Monash University</p>
13:45 - 14:00	<p>T26 Early cellular immune responses as predictive correlates of immunity to <i>Plasmodium falciparum</i> infection and clinical episode in 1-4 year old children from Papua New Guinea. Leanne Robinson - Infection and Immunity Division, WEHI / PNGIMR</p>
14:00 - 14:15	<p>T27 Acquisition of antibodies to the PfRh2 invasion ligand of <i>P. falciparum</i> and their association with protection from malaria Linda Reiling - Infection and Immunity Division, WEHI</p>
14:15 - 14:30	<p>T28 Generation of <i>P. berghei</i>-specific CD4 T cell hybridomas to analyse helper responses during plasmodial infection Daniel Fernandez Ruiz - Dept. of Microbiology and Immunology, The University of Melbourne</p>
14:30 - 14:45	<p>T29 Role of IP-10 mediated T cell homing in the control of pathogenesis and immunity to malaria Cathrine Nie - Infection and Immunity Division, WEHI</p>
14:45 - 15:00	<p>T30 Blood-stage <i>Plasmodium berghei</i> infection generates parasite-specific effector and memory CD8+ T cell responses Lei Shong Lau - Dept. of Microbiology and Immunology, The University of Melbourne</p>

15:00 - 15:30		Afternoon Tea
15:30 - 17:15		Session 6 - Frontier Technologies Chairs: Chris Tonkin & Lina Wang
15:30 - 15:45		Tribute to Kylie Mullin delivered by Malcolm McConville
15:45 - 16:00	T31	Lipidomic analysis and functional study of the lipid biosynthesis of the malaria apicoplast Cyrille Botte - School of Botany, The University of Melbourne
16:00 - 16:15	T32	Metabolite Profiling in <i>Plasmodium falciparum</i> James Macrae - Bio21 Institute, The University of Melbourne
16:15 - 16:30	T33	An Integrative Bioinformatic Predictor of Protein Sub-Cellular Localisation in Malaria Ben Woodcroft - Dept. of Biochemistry and Molecular Biology / Bio21 Institute, The University of Melbourne
16:30 - 16:45	T34	Genomic scale prioritisation of drug targets: the TDR Targets database Maria Doyle - Dept. of Biochemistry and Molecular Biology / Bio21 Institute, The University of Melbourne
16:45 - 17:00	T35	Comprehensive immuno-proteomic analysis of human antibody responses to <i>Plasmodium falciparum</i> Thomas Nebl - Infection and Immunity Division, WEHI
17:00 - 17:15	T36	CCP1 – A non Maurer’s cleft protein involved in PfEMP1 trafficking? Paul McMillan - Dept. of Biochemistry, La Trobe University
17:30		Announcement of prizes for best talks and posters, sponsored by ASM, ASP, IJP and ICOPA
18:00		Drinks on you at Naughtons Hotel