

Day 1 - Wednesday 23 May 2018

Time	Speaker
09:30-11:00	Registration
11:00-11:15	Welcome and Introduction
11:15-12:30	Scientific Session 1: Vector biology and Transmission Session Chairs: Elena Levashina, Martin Rono
11:15-11:45	Keynote Lecture On sporozoite formation, motility and attenuation Freddy Frischknecht - <i>Heidelberg University Hospital, Germany</i>
11:45-12:00	Attach and infect – Identification of a mosquito receptor for the Plasmodium ookinete Florian Brod - <i>Oxford University, United Kingdom</i>
12:00-12:15	Elucidating the role of lipolytic pathway in mosquito reproduction and P. falciparum transmission Maurice Itoe - <i>Harvard T.H. Chan School of Public Health, United States of America</i>
12:15-12:30	Lipid requirements for life-cycle transition of the malaria parasite Alexander G. Maier - <i>The Australian National University Canberra, Australia</i>
12:30-13:30	Lunch and meet the Keynote speaker
13:30-16:00	Scientific Session 2: Omics and Systems biology Session Chairs: Richard Bartfai, Rita Tewari
13:30-14:00	Keynote Lecture Finding function in parasite and vector population genomic variation Daniel Neafsey - <i>Broad Institute, United States of America</i>
14:00-14:15	Integrated parasite load and dual transcriptome analysis of systemic host-parasite interactions in severe malaria Aubrey Cunnington - <i>Imperial College London, Australia</i>
14:15-14:30	The Malaria Cell Atlas Andrew Russell - <i>Wellcome Trust Sanger Institute, United Kingdom</i>
14:30-14:45	Identifying localisation at scale with a novel platform for high-throughput automated Plasmodium culture Theo Sanderson - <i>Wellcome Trust Sanger Institute, United Kingdom</i>
14:45-15:00	Global mapping of protein subcellular location in apicomplexans: the parasite as we've never seen it before Ross Waller - <i>University of Cambridge, United Kingdom</i>
15:00-15:30	Flash Talks - Abstracts #48 Ellen Bushell, #50 Manuela Carasquilla, #76 Sebastian Kirchner, #102 David Oyen, #120 Lilach Scheiner, #126 Timothy Straub, #142 Danny Wilson, #35 Yaw Bediako, #45 Nicolas Blanchard, #53 Romain Coppée
15:30-16:00	Coffee Break and meet the Keynote speaker
16:00-18:00	Poster Session 1 - Even Numbers
18:00-18:45	Lifetime Achievement Award
18:45-20:30	Dinner
20:30-23:00	Welcome Reception

Day 2 - Thursday 24 May 2018

Time	Speaker
09:00-10:30	Scientific Session 3: Molecular and Cellular Biology (1) Session Chairs: Lilach Sheiner, Sebastian Kirchner
09:00-09:30	Keynote Lecture Cryptosporidium? Think Intestinal Malaria! Boris Striepen - <i>University of Pennsylvania, United States of America</i>
09:30-09:45	Control of the Nedd8 pathway in Plasmodium falciparum Katerina Artavanis-Tsakonas - <i>University of Cambridge, United Kingdom</i>
09:45-10:00	Push and Pull: F-actin facilitates Apicomplexan parasite penetration by forming an F-actin ring structure close to the tight junction Mario Del Rosario - <i>University of Glasgow, United Kingdom</i>
10:00-10:15	RecQ helicases in the malaria parasite Plasmodium falciparum affect genome stability, gene expression patterns and DNA replication dynamics Catherine Merrick - <i>Keele University, United Kingdom</i>
10:15-10:30	Uncovering the function of EXP1 in P. falciparum blood stages Paolo Mesen-Ramirez - <i>Bernhard Nocht Institute for Tropical Medicine, Germany</i>
10:30-11:00	Coffee Break and meet the Keynote speaker
11:00-12:30	Scientific Session 4: Host-Parasite interactions Session Chairs: Petra Rohrbach, Marta Tiburcio
11:00-11:30	Keynote Lecture Antigenic Variation in T.brucei: A Host-Pathogen Interaction Reduced to First Principles Nina Papavasiliou - <i>German Cancer Research Center (DKFZ), Germany</i>

Time	Speaker
11:30-11:45	Combining RNA-sequencing and mathematical modelling to identify mechanistic correlates of protection in malaria Athina Georgiadou - <i>Imperial College London, United Kingdom</i>
11:45-12:00	Impact of malaria-protective glyco-phorin polymorphism on Plasmodium falciparum invasion Silvia Kariuki - <i>KEMRI Wellcome Trust Research Programme, Kenya</i>
12:00-12:15	The trophoblast endothelin response as a mechanism for fetal protection in placental malaria Yash Pandya - <i>Instituto Gulbenkian de Ciência, Portugal</i>
12:15-12:30	Microvesicles from Malaria-infected Red Blood Cells Activate Natural Killer Cells via MDA5 Pathway Peter Preiser - <i>Nanyang Technological University, Singapore</i>
12:30-14:00	Lunch and meet the Keynote speaker
13:00-14:00	Workshop: Life beyond the P value - from elementary to advanced data analysis Moderator: Mario Recker - <i>University of Exeter, United Kingdom</i>
13:00-14:00	Workshop: Make up your parasites with CRISPR/Cas9 Moderators: Marcus Lee - <i>Wellcome Trust Sanger Institute, United Kingdom</i> Scott Lindner - <i>Center for Malaria Research, Pennsylvania State University, United States of America</i>
14:00-16:00	Scientific Session 5: Immunobiology and Vaccine development Session Chairs: Nicolas Blanchard, David Oyen
14:00-14:30	Keynote Lecture The HIV Vaccine Problem Michel Nussenzweig - <i>The Rockefeller University, United States of America</i>
14:30-14:45	Neutrophil proteases regulate malaria pathology by modulating inflammation and cytoadhesion Borko Amulic - <i>University of Bristol, United Kingdom</i>
14:45-15:00	Clonal selection of potent germline antibodies drives protective memory B cell response in controlled human malaria infection Rajagopal Murugan - <i>German Cancer Research Center, Germany</i>
15:00-15:15	Gametocyte immunity provides a rationale for novel transmission blocking interventions in Plasmodium falciparum Priscilla Ngotho - <i>University of Glasgow, United Kingdom</i>
15:15-15:30	Evaluation of Plasmodium falciparum SPECT-1 as a novel pre-erythrocytic vaccine candidate Ahmed Salman - <i>Jenner Institute - University of Oxford, United Kingdom</i>
15:30-16:00	Flash Talks - Abstracts #57 Katrien Deroost, #61 Richard Bartfai, #65 José Luis Ruiz Rodriguez, #73 Ernst Joschner, #75 Che Julius Ngwa, #89 Oliver Lyth, #109Kimberley Prior, #113 Martin Rono, #117 Margarida Sanches-Vaz, #141 Mark Dale Wilkinson
16:00-16:30	Coffee Break and meet the Keynote speaker
16:30-18:30	Poster Session 2 - Odd Numbers
18:30-20:00	Conference Dinner
20:00-00:00	Conference Party

Day 3 - Friday 25 May 2018	
Time	Speaker
09:00-10:30	Scientific Session 6: Drugs and resistance Session Chairs: Catherine Lavazec, Angelika Sturm
09:00-09:30	Keynote Lecture Mitochondrial heteroplasmy and atovaquone resistance in Plasmodium falciparum Dennis Kyle - <i>University of Georgia, United States of America</i>
09:30-09:45	A genetic resistance trap in malaria parasites: exploiting the differential metabolism of the parasite between its two hosts Hayley Buchanan - <i>University of Melbourne, Australia</i>
09:45-10:00	Unravelling the mode of action of a novel class of antimalarials Laura E. de Vries - <i>Radboud University Medical Centre, The Netherlands</i>
10:00-10:15	Mind the Traffic: A role for trafficking in the ER stress response and artemisinin resistance in P. falciparum Ryan Henrici - <i>London School of Hygiene & Tropical Medicine, United Kingdom</i>
10:15-10:30	Emerging Southeast Asian PfCRT mutations confer Plasmodium falciparum resistance to the first-line antimalarial piperazine Leila Ross - <i>Columbia University, United States of America</i>
10:30-11:00	Coffee Break and meet the Keynote speaker
11:00-12:30	Scientific Session 7: Molecular and Cellular Biology (2) Session Chairs: Taco Kooij, Carolina Agop Nersesian
11:00-11:30	Keynote Lecture The complexity and the simplicity of host-Plasmodium interactions Maria Mota - <i>Instituto de Medicina Molecular, Portugal</i>
11:30-11:45	An enzyme pathway regulates malaria parasite egress Michael Blackman - <i>The Francis Crick Institute, United Kingdom</i>
11:45-12:00	Genetic interactions reveal functional redundancy between calcium-dependent protein kinases 4 and 1 in motility and invasion of malaria parasites Hanwei Fang - <i>University of Geneva, Switzerland</i>

Time	Speaker
12:00-12:15	A high-throughput liver stage phenotyping screen of <i>P. berghei</i> knockouts reveals novel insights into <i>Plasmodium</i> metabolism Rebecca Limenitakis Stanway - <i>University of Bern, Switzerland</i>
12:15-12:30	CAF1/CCR4/NOT Proteins Crucially Regulate Gametocyte Development and Transmissibility Scott Lindner - <i>Center for Malaria Research, Pennsylvania State University, United States of America</i>
12:30-14:30	Lunch and meet the Keynote speaker
13:00-14:30	Panel Discussion: Career development - science and more Moderators: Peter Preiser - <i>Nanyang Technological University, Singapore</i> Rachel Graf - <i>EMBL Heidelberg, Germany</i>
14:30-14:45	Awards for best Posters and Oral presentations
14:45-15:00	Closing remarks
15:00-15:15	Departure