

Program

6th International Virtual Conference on
**Malaria Immunology &
Elimination
(MIE-2025)**

Tuesday, March 25, 2025 | Virtual

Time zone: Eastern Time (USA)



09:00 - 09:05 Welcome & Introductory Remarks

Session Chair: **Matthijs Jore**, Radboud University Medical Center, Netherlands

- 09:05-09:35 **Danielle Staniscic**, Griffith University, Australia
Transitioning Whole Parasite Blood-stage Malaria Vaccines from Pre-clinical to Clinical Evaluation
- 09:35-10:05 **Xiao Yu**, Southern Medical University, China
Precise Regulation of Type I Interferon in Anti-malarial Immunity
- 10:05-10:35 **Thomas Lavstsen**, University of Copenhagen, Denmark
Isolation of Broadly Inhibitory Antibodies Targeting Severe Malaria Virulence Proteins from B Cells and Plasma
- 10:35-11:05 **Hedda Wardemann**, German Cancer Research Center, Germany
The Length of the Repeat Domain Determines the Quality of the B Cell Responses to a PfCSP Nanoparticle Immunogen

11:05-11:25 Break

Session Chair: **Azza H. Idris**, Ragon Institute, MA, USA

- 11:25-11:55 **Adrian Hill**, The Jenner Institute, University of Oxford, United Kingdom
Current and Future Malaria Elimination Vaccine Trials
- 11:55-12:25 **Carolyn Nielsen**, University of Oxford, United Kingdom
Immunogenicity and Efficacy of the Blood-stage Malaria Vaccine RH5.1/Matrix-M: Evidence to Support Delayed Booster Dosing
- 12:25-12:55 **Jean-Philippe Julien**, University of Toronto, Canada
Structure-function Relationships Guiding Next-generation Malaria Vaccine Design
- 12:55-13:25 **Samuel Chamberlain**, University of Oxford, United Kingdom
A Snapshot Into a Battle Between Parasite and Host Immunity: RIFINs of *Plasmodium falciparum* Bind to Both KIR2DL1 and KIR2DS1

13:25-13:45 Break

Session Chair: **Matthew Ippolito**, Johns Hopkins University, MD, USA

- 13:45-14:15 **Peter Crompton**, NIAID/NIH, MD, USA
Anti-Sporozoite Monoclonal Antibodies: An Emerging Tool for Malaria Prevention
- 14:15-14:45 **Gregoire Lauvau**, Albert Einstein College of Medicine, NY, USA
Investigating Circumsporozoite-Specific ZEB2⁺ Cytolytic CD4⁺ T Cells During *Plasmodium falciparum* Infection
- 14:45-15:15 **Alexis Kaushansky**, Seattle Children's Research Institute, WA, USA
Host Parasite Interaction During Complex *Plasmodium* Infections

15:15-15:35 Break

Session Chair: **Mariah Hassert**, University of Iowa, IA, USA

- 15:35-16:05 **Robin Stephens**, Rutgers New Jersey Medical School, NJ, USA
Coagulation and Microglia in Cerebral Malaria
- 16:05-16:35 **Jian Wu**, NIAID/NIH, MD, USA
Small Molecule Regulators of MARCH1 to Modulate Host Responses to *Plasmodium* Infection
- 16:35-17:05 **Ian Cockburn**, The Australian National University, Australia
B Cells Targeting *Plasmodium* Capture Spatially Linked Antigens to Secure T Cell Help

17:05 Closing Remarks