



MIE-2020

Second Edition

MIE-2020: Malaria Immunology & Elimination

(A Virtual Symposium)

Friday, August 28, 2020 | 13:45 to 18:15 (CEST)

13:45-13:55 Zoom Joining and AV Check

13:55-14:05 Welcome & Introduction to MIE-2020

Chair: **Gabriel M. Gutierrez**, Explorations in Global Health (ExGloH), Leidos Inc., MD

Keynote Speaker

14:05-14:35 **Bart G.J. Knols**, K&S Consulting & Radboud University, The Netherlands
Malaria Elimination: Let's Look Back Before Going Forward

14:35-15:00 **Alexandra J. Spencer**, Jenner Institute, University of Oxford, UK
Strategies to Induce Immunity to Liver-stage Malaria

15:00-15:25 **Kwadwo Asamoah Kusi**, NMIMR, University of Ghana, Ghana
Large-scale Identification of HLA-Restricted T cell Epitopes from Four Malaria Vaccine Candidate Antigens in a Malaria Endemic Community in Ghana

15:25-15:50 **Martin R. Goodier**, London School of Hygiene and Tropical Medicine, UK
Activation of Human Adaptive Natural Killer Cells by *Plasmodium falciparum*

15:50-16:00 Break

16:00-16:25 **Gabriel M. Gutierrez**, Explorations in Global Health (ExGloH), Leidos Inc., MD
Adapting the Tools of Cancer for Malaria: A Peptide-Based, Checkpoint Inhibitor Toolkit for Safe Use as Vaccine Immunomodulators and Therapeutics

16:25-16:50 **Nathan W. Schmidt**, Indiana University School of Medicine, IN
Gut Microbiota Dynamically Regulate Germinal Center Reactions and Severity of Malaria

16:50-17:15 **Stephanie Yanow**, University of Alberta, Canada
A Heterologous Vaccine Strategy to Elicit Antibodies against the Placental Antigen VAR2CSA

17:15-17:40 **Mary Lopez-Perez**, University of Copenhagen, Denmark
Human Serum Proteins Binding to *P. falciparum* Infected Erythrocytes and Its Association with Malaria

17:40-18:05 **Rajagopal Murugan**, German Cancer Research Institute (DKFZ), Germany
Human Memory B Cell Response to *Plasmodium falciparum* Circumsporozoite Protein Induces Protective Cross-Reactive Antibodies by Maturing against NANP Repeat Motifs

18:05-18:15 Concluding remarks

USG-United Scientific Group (A non-profit organization)

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