

The Future of Malaria Research Symposium

Johns Hopkins Bloomberg School of Public Health

Friday, November 3, 2017



REGISTRATION (<i>E. Monument Street entrance</i>) <i>Coffee is served in Feinstone Hall/E2030</i>	8:00 – 9:00
WELCOME REMARKS (<i>Sheldon Hall/ W1214, Live-streaming available in overflow rooms Feinstone Hall/E2030 and W2030</i>) Peter Agre – Director, Johns Hopkins Malaria Research Institute Melanie Shears, Matthew Ippolito and Joel Vega-Rodriguez – Meeting Chairs	9:00 – 9:15
OPENING LECTURE (<i>Sheldon Hall/ W1214, Live-streaming available in overflow rooms Feinstone Hall/E2030 and W2030</i>) Teun Bousema – Radboud University <i>Unraveling human and parasite factors that determine the transmission of P. falciparum to mosquitoes</i>	9:15 – 10:10
SHORT BREAK (<i>Feinstone Hall/ E2030</i>) <i>Coffee is served</i>	10:10 – 10:40
SESSION 1 (<i>Sommer Hall/ E2014</i>) <i>Chair: Matthew Ippolito</i> Menno R. Smit – Liverpool School of Tropical Medicine, UK- <i>Towards malaria elimination: a randomized trial of high-dose ivermectin (IVERMAL)</i> Christian P. Nixon – NIH – <i>Antibodies to Pfs355, a Novel Early Gametocyte Protein, Predict Decreased Plasmodium falciparum Gametocyte Density in Humans</i> Anielle de Pina-Costa – FIOCRUZ, Brazil – <i>Zoonotic malaria transmission in Rio de Janeiro Atlantic Forest</i> Amanda Balaban – Johns Hopkins University, USA – <i>Repeat region of the circumsporozoite protein has a functional role in sporozoite motility</i>	10:40 – 11:40
TURBO TALKS (<i>Sommer Hall/ E2014</i>) Munir Akkaya – National Institute of Health – Poster A-04 Jason Sousa – Walter Reed Army Institute of Research – Poster A-26 Zalak Shah – University of Maryland School of Medicine – Poster A-36 Megan L. Mair – Virginia Commonwealth University – Poster A-29 Nathaly Cabrera – Rutgers New Jersey Medical School – Poster A-10	11:40 – 11:55
POSTER VIEWING A & LUNCH (<i>Feinstone Hall/ E2030</i>)	12:00 – 1:30
SESSION 2 (<i>Sommer Hall/ E2014</i>) <i>Chair: Melanie Shears</i> Marije C. Behet – Radboud University, The Netherlands – <i>Complement-mediated inhibition of Plasmodium falciparum sporozoite infectivity by antibodies induced after ChemoProphylaxis and Sporozoite immunization in the Controlled Human Malaria Infection model</i> Andrea G. Buchwald – University of Maryland Baltimore, USA – <i>Longitudinal clinical and molecular analysis of asymptomatic Plasmodium falciparum infection in Malawi</i> Yewel Flores-Garcia – Johns Hopkins University, USA – <i>Protective anti-sporozoite antibodies inhibit motility of sporozoites in the skin</i> Matthias Garten – NIH, USA – <i>The role of Exp2 in small molecule transport across the parasitophorous vacuole membrane of Plasmodium falciparum</i>	1:30 – 2:30
SHORT BREAK (<i>Feinstone Hall/ E2030</i>)	2:30 – 3:00
AFTERNOON LECTURE (<i>Sommer Hall/ E2014</i>) Elizabeth S. Egan – Stanford University <i>Beyond hemoglobin: Discovering erythrocyte host factors for malaria</i>	3:00 – 3:55
SESSION 3 (<i>Sommer Hall/ E2014</i>) <i>Chair: Joel Vega-Rodriguez</i> Björn F.C. Kafsack – Weill Cornell Medicine – <i>Single-cell RNA-sequencing reveals a transcriptional signature of sexual commitment in malaria parasites</i> Rob W. van der Pluijm – Mahidol Oxford Tropical Medicine Research Unit, Thailand – <i>Triple Artemisinin based Combination Therapies (TACTs) for the treatment of uncomplicated falciparum malaria</i> Fitsum G. Tadesse – Radboud University, The Netherlands – <i>The relative contribution of symptomatic and asymptomatic Plasmodium vivax and Plasmodium falciparum infections to the infectious reservoir in a low-endemic setting in Ethiopia</i> Ali Afify – Johns Hopkins University, USA – <i>Neurogenetic characterization of Anopheles gambiae mosquito repellents</i>	3:55 – 4:55
CLOSING REMARKS Melanie Shears, Matthew Ippolito and Joel Vega-Rodriguez – Meeting Chairs	
POSTER VIEWING B & RECEPTION (<i>Feinstone Hall/ E2030</i>)	5:00 – 6:30