REGISTRATION (E. Monument Street entrance) 8:00 – 9:00
Coffee is served in Feinestone Hall/E2030

WELCOME REMARKS (Sheldon Hall/ W1214, Live-streaming available in overflow rooms Feinestone Hall/E2030 and W2030) 9:00 – 9:15
Peter Agre – Director, Johns Hopkins Malaria Research Institute
Melanie Shears, Matthew Ippolito and Joel Vega-Rodriguez – Meeting Chairs

OPENING LECTURE (Sheldon Hall/ W1214, Live-streaming available in overflow rooms Feinestone Hall/E2030 and W2030) 9:15 – 10:10
Teun Bousema – Radboud University
Unraveling human and parasite factors that determine the transmission of P. falciparum to mosquitoes

SHORT BREAK (Feinestone Hall/ E2030) 10:10 – 10:40
Coffee is served

SESSION 1 (Sommer Hall/ E2014) 10:40 – 11:40
Chair: Matthew Ippolito
Menno R. Smit – Liverpool School of Tropical Medicine, UK - Towards malaria elimination: a randomized trial of high-dose ivermectin (IVERMAL)
Christian P. Nixon – NIH – Antibodies to Pfs355, a Novel Early Gametocyte Protein, Predict Decreased Plasmodium falciparum Gametocyte Density in Humans
Anielle de Pina-Costa – FIOCRUZ, Brazil – Zoonotic malaria transmission in Rio de Janeiro Atlantic Forest
Amanda Balaban – Johns Hopkins University, USA – Repeat region of the circumsporozoite protein has a functional role in sporozoite motility

TURBO TALKS (Sommer Hall/ E2014) 11:40 – 11:55
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

POSTER VIEWING A & LUNCH (Feinestone Hall/ E2030) 12:00 – 1:30

SESSION 2 (Sommer Hall/ E2014) 1:30 – 2:30
Chair: Melanie Shears
Marije C. Behet – Radboud University, The Netherlands – Complement-mediated inhibition of Plasmodium falciparum sporozoite infectivity by antibodies induced after ChemoProphylaxis and Sporozoite immunization in the Controlled Human Malaria Infection model
Andrea G. Buchwald – University of Maryland Baltimore, USA – Longitudinal clinical and molecular analysis of asymptomatic Plasmodium falciparum infection in Malawi
Yevel Flores-Garcia – Johns Hopkins University, USA – Protective anti-sporozoite antibodies inhibit motility of sporozoites in the skin
Matthias Garten – NIH, USA – The role of Exp2 in small molecule transport across the parasitophorous vacuole membrane of Plasmodium falciparum

SHORT BREAK (Feinestone Hall/ E2030) 2:30 – 3:00

AFTERNOON LECTURE (Sommer Hall/ E2014) 3:00 – 3:55
Elizabeth S. Egan – Stanford University
Beyond hemoglobin: Discovering erythrocyte host factors for malaria

SESSION 3 (Sommer Hall/ E2014) 3:55 – 4:55
Chair: Joel Vega-Rodriguez
Björn F. C. Kafsack – Weill Cornell Medicine – Single-cell RNA-sequencing reveals a transcriptional signature of sexual commitment in malaria parasites
Rob W. van der Pluijm – Mahidol Oxford Tropical Medicine Research Unit, Thailand – Triple Artemisinin based Combination Therapies (TACTs) for the treatment of uncomplicated falciparum malaria
Fitsum G. Tadesse – Radboud University, The Netherlands – The relative contribution of symptomatic and asymptomatic Plasmodium vivax and Plasmodium falciparum infections to the infectious reservoir in a low-endemic setting in Ethiopia
Ali Afify – Johns Hopkins University, USA – Neurogenetic characterization of Anopheles gambiae mosquito repellents

CLOSING REMARKS
Melanie Shears, Matthew Ippolito and Joel Vega-Rodriguez – Meeting Chairs

POSTER VIEWING B & RECEPTION (Feinestone Hall/ E2030) 5:00 – 6:30