April 25, 2018 Malaria Drug Development & Resistance – Sommer Hall
7:45 – REGISTRATION & LIGHT BREAKFAST AVAILABLE - Feinstone Hall
8:30 – Welcome- Dean Ellen MacKenzie and Peter Agre – Sommer Hall

8:40 Drug Development Strategy (Chair: David Sullivan)
8:40-9:05 Tim Wells “Discovering and Delivering New Medicines to Control and Eradicate Malaria”
9:10-9:35 Leo B. Slater “A Brief History of Antimalaria Drug Development: Early Models and Medicine”
9:40-10:05 Kip Guy “SJ733 from Discovery to Clinic”

10:10-10:40 Break – Feinstone Hall

Specific Targets (Chair: Sean Prigge)
10:40-11:05 Akhil Vaidya - "Targeting Na+ and Lipid Homeostasis in Parasites by Antimalarials"
11:10-11:35 Meg Phillips “Targeting Dihydroorotate Dehydrogenase for the Treatment of Malaria”
11:40-12:05 Kelly Chibale “PfPI4K Inhibitor MMV048”

12:10-1:15 Lunch and Posters – Feinstone Hall

Optimizing Drugs (Chair: Terry Shapiro)
1:15 -1:40 Jianping Song “Mass Drug Administration on Comoros Island” delivered by Thomas Wellems
1:45-2:10 Giovanni Traverso “Novel GI Delivery Systems in a Few Movements”
2:15-2:40 Tawanda Gumbo “Pharmacokinetics and Pharmacodynamics of Intracellular Pathogens in Drug Development”

2:45 – 3:15 Break – Feinstone Hall

Drug resistance (Chair: David Sullivan)
3:15-3:40 Dennis Kyle “Mitochondrial Heteroplasmy and Atovaquone Resistance in Plasmodium falciparum”
3:45-4:10 Geoff McFadden “Can We Build a Genetic Trap for Drug Resistant Malaria?”
4:15-4:40 Steve Meshnick “Artemisinin – How It Works and How It Doesn’t Work”
4:45-5:10 Thomas Wellems “Genetics of Artemisinin Delayed Clearance Phenotype”

5:15pm to 6:30pm – Closing and Drinks & Posters in Feinstone Hall

4/23/2018