

VIRUS STRUCTURE: PUTTING THE PIECES TOGETHER

October 21, 2014

National Cancer Institute
Frederick, Maryland

Model of TRIM5 α poised to bind the HIV-1 capsid (image kindly provided by Owen Pornillos)

HIV Drug Resistance Program Conference

NCI at Frederick, Bldg 549 Conference Center, 1:00-5:45 pm, October 21, 2014

Agenda

- 1:00-1:10 pm **Stephen Hughes (HIV Drug Resistance Program, National Cancer Institute)**
Welcoming remarks
- 1:10-1:50 pm **Joseph Sodroski (Dana-Farber Cancer Institute)**
Structural mechanisms of HIV-1 resistance to entry inhibitors
- 1:50-2:30 pm **Owen Pornillos (University of Virginia)**
Molecular recognition of the HIV-1 capsid
- 2:30-3:10 pm **Michael F. Summers (HHMI/University of Maryland, Baltimore County)**
Insights into the structural basis and mechanism of HIV-1 genome packaging
- 3:10-3:40 pm **Break**
- 3:40-4:20 pm **Erica Ollmann Saphire (The Scripps Research Institute)**
The molecular tool-kit of viral hemorrhagic fevers
- 4:20-5:00 pm **Jacek Skowronski (Case Western Reserve University)**
Restriction factors targeted by lentiviral Vpx and Vpr
- 5:00-5:40 pm **Angela Gronenborn (University of Pittsburgh)**
HIV capsid and interactions
- 5:40-5:45 pm **Stephen Hughes**
Closing remarks

Sponsored by the HIV Drug Resistance Program, Center for Cancer Research, NCI

For conference-related questions, please contact Deborah Bearor (deborah.bearor@nih.gov)