

Center on Emerging and Zoonotic Infectious Diseases

An NIH Center of Biomedical Research Excellence

Semi-Annual Meeting

WEDNESDAY, MARCH 30TH

Location: Mara Conference Center, 4th Floor Trotter Hall

8:30 am – 8:35 am Welcome and Introduction
Dr. Juergen Richt, CEZID Director

I. Research Project Leader Presentations

8:35 am – 8:55 am Dr. Thomas Platt, Research Project Presentation *The costs and benefits of Stx phage encoded Shiga toxin production* (10 min presentation + 10 min discussion)

Mentors: Dr. Phil Hardwidge (Internal Mentor), Dr. Anthony Maurelli (External Mentor), External Advisory Committee

8:55 am – 9:15 am Dr. Stephanie Shames, Research Project Presentation *Mechanisms of effector-mediated host defense* (10 min + 10 min) **Mentors:** Dr. Jocelyn McDonald (Internal Mentor), Dr. Barbara Kazmierczak (External Mentor), External Advisory Committee

9:15 am – 9:35 am Dr. Yan-Jang (Scott) Huang, Research Project Presentation *Rational Design of Candidate Live-Attenuated Vaccines for Flaviviruses* (10 min + 10 min)
Mentors: Dr. Steve Higgs (Internal Mentor), Dr. Alan Barrett (External Mentor), External Advisory Committee

9:35 am – 9:55 am Dr. Nicholas Wallace, Research Project Presentation *HPV8 E6 Reduces Genome Fidelity* (10 min + 10 min) **Mentors:** Dr. Michael Kanost (Internal Mentor), Dr. Denise Galloway (External Mentor), External Advisory Committee

9:55 am – 10:15 am Break

II. Pilot Leader Presentations

10:15 am – 10:30 am Dr. Kathryn Reif, Pilot Project Presentation *Francisella novicida as a model to study tick-borne bacterial pathogens* (10 min + 5 min)

10:30 am – 10:45 am Dr. Dana Vanlandingham, Pilot Project Presentation *Identifying Novel Antiviral Targets to Inhibit Flaviviral Replication Using CRISPR-Cas9* (10 min + 5 min)

10:45 am – 11:00 am Dr. Robert DeLong, Pilot Project Presentation by Natasha Gaudreault *Targeting SARS-CoV-2 with nanoparticle composites* (10 min + 5 min)

11:00 am – 11:15 am Dr. Rachel Palinski, Pilot Project Presentation *Establishing a Rationally Designed Universal Rotavirus Reverse Genetics Platform* (10 min + 5 min)

11:15 am – 11:30 am Dr. Samir El Qaidi, Pilot Project Presentation *Characterization of the impact of Salmonella SseK1 on bacterial gene regulation* (10 min + 5 min)

11:30 am – 11:45 am Dr. Han Yu and Dr. Cyndney Alexis: *Scientific Writing* (10 min + 5 min)

11:45 am – 11:55 am MCB Core Update (5 min + 5 min) Dr. Philip Hardwidge, Core Director

11:55 am – 12:05 pm AMP Core Update (5 min + 5 min) Dr. Igor Morozov, Core Director

12:05 pm – 1:00 pm Lunch Break

III. Internal Meetings

1:00 pm – 2:30 pm Combined Meeting: Mentors and External Advisory Committee (Separate ZOOM link will be provided)

2:30 pm – 3:00 pm CEZID Leadership and External Advisory Committee Meeting (Separate ZOOM link will be provided)