

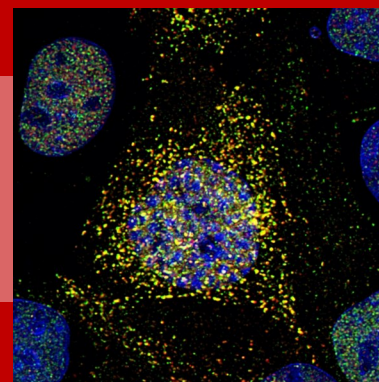
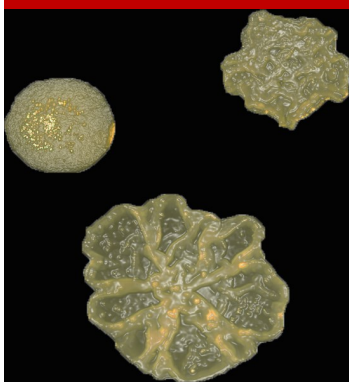
# Department of Microbiology and Molecular Genetics Retreat

Friday, April 12, 2019

University Club

123 University Place

## Schedule of Events



8:30-8:50AM **Breakfast** upstairs in Ballroom B

8:50-8:55AM **Welcome & Introduction**

9:00-9:25AM **Azia Evans**

Laboratory of Dr. Carolyn Coyne

*BPIFB3 promotes flavivirus infection by controlling RETREG1-dependent reticulophagy*

9:30-9:55AM **Ravi Patel**

Laboratory of Dr. Tom Smithgall

*The Myeloid Src-family Kinases Hck and Fgr Regulate Sensitivity of Flt3-ITD+ AML cells to the Pyrrolopyrimidine Kinase Inhibitor, A-419259*

10:00-10:25AM **Dr. Catherine Armbruster**

Laboratory of Dr. Jen Bomberger

*Using machine learning to connect Pseudomonas aeruginosa biofilm ecology and evolution to patient outcomes in cystic fibrosis*

10:30-11:15AM **Sponsoring Diversity in Science**

Presented by Dr. Seema Lakdawala

**Invited Speaker:**

11:30AM-12:30PM **Dr. Houra Merrikh**

Vanderbilt University

*Replication-transcription conflicts and evolutionary mechanisms of antimicrobial resistance*

12:30-1:15PM **Lunch** downstairs in Ballroom A

1:30-1:55PM **Zhou Zhong**

Laboratory of Dr. Zandrea Ambrose

*Microtubule trafficking of HIV-1 complexes is altered by cytoplasmic expression of CPSF6*

2:00-2:25PM **Braulio Bonilla**

Laboratory of Dr. Kara Bernstein

*The yeast Shu complex functions in error-free bypass of DNA abasic sites*

2:30-2:55PM **Dr. Joseph Zeppa**

Laboratory of Dr. JoAnne Flynn

*Intravenous Bacille Calmette-Guerin provides protection across a dose spectrum in a Rhesus macaque model of Tuberculosis*

3:00-3:30PM **State of the Department**

Presented by Dr. Tom Smithgall, Chair

**Invited Speaker:**

3:45-4:45PM **Dr. Eva Harris**

University of California, Berkeley

*The Flavivirus NS1 protein: Unraveling mechanisms of pathogenesis of dengue, Zika and beyond*

4:50-5:00PM **Closing Remarks**

5:00-6:30PM **Poster Session & Reception**

**Ballroom A**