

10TH ANNUAL SCEP SYMPOSIUM

WEDNESDAY OCTOBER 21, 2020 - 8:45 AM - 4:00 PM

AGENDA

8:45 - 9:05 am - 10 years of SCEP
Opening remarks for the 10th Annual SCEP Symposium

9:05 - 9:35 pm - **Guest speaker:** Keke Fairfax, Ph.D., Assistant Professor, Department of Pathology, University of Utah
"Maternal schistosomiasis: Unwinding the cellular mechanisms of immunomodulation in offspring"

Morning Session: Chair, Dr. Emma Wilson

9:35 - 9:45 am - **BREAK**

Lightning talks A

9:45 - 9:47 am - Peter Back (UCLA, Bradley lab)
"An essential IMC protein governs Toxoplasma invasion and apical organelle organization"

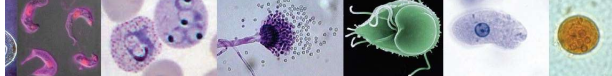
9:48 - 9:50 am - Sarah Bobardt (UCR, Nair lab)
"Understanding the Role of the Endocannabinoid System in the Activity and Longevity of Nematode Parasites"

9:51 - 9:53 am - Anand Rai (UCLA, Johnson lab)
"EVs mediate host: parasite interactions: how host cells internalize Trichomonas vaginalis EVs"

9:54 - 9:56 am - Evelyn Hoover (UCI, Lodoen lab)
"Toxoplasma gondii induces coagulation in the microvasculature and decreased cerebral perfusion"

9:57 - 9:59 am - Thomas Hollin (UCR, LeRoch lab)
"Functional genomics approaches to understand the role of RAP proteins that are essential for the mitochondrial biogenesis of P. falciparum asexual stages"





10:00 - 10:15 am - Amara Thind (UCLA, Bradley lab)

"Proximity biotinylation reveals novel and secreted dense granule proteins of *Toxoplasma gondii* bradyzoites"

10:15 - 10:30 am - Alexandra Willis (University of Toronto)

"Inherited immunity in *C.elegans* model of microsporidia infection"

10:30 - 10:45 am - **BREAK**

10:45 - 11:00 am - Izra Abbaali (UCI, Morrissette lab)

"Targeting *Toxoplasma* tubulin"

11:00 - 11:15 am - Sophia Parks (UCR, Dillman Lab)

"Parasitic nematode fatty acid and retinol-binding proteins compromise host immunity by interfering with host lipid signaling"

Lightning talks B

11:15 - 11:17 am - Stephanie DeMarco (UCLA, Hallem lab)

"Investigating Mechanisms of Skin Penetration in *Strongyloides* Species"

11:18 - 11:20 am - Zoe Figueroa (UCR, Wilson lab)

"Investigating astrocyte subsets during *Toxoplasma gondii* infection"

11:21 - 11:23 am - Suhani Bhakta (Cal Poly Pomona, Mercer lab)

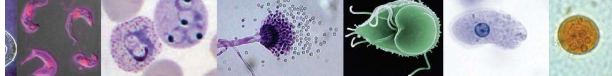
"Determining the role of the neutrophil extracellular degranulation and mucosal antibodies in the killing of *Trichomonas vaginalis*"

11:24 - 11:26 am - Rebecca Pasquarelli (UCLA, Bradley lab)

"Identification and Functional Analysis of Parasite-Specific Golgi Proteins in *Toxoplasma gondii*"

11:27 - 11:29 am - Nelly ElSakkary (UCSD)

"Genomic modalities to drug development for schistosomiasis: the proteasome"



11:30 - 11:45 am - Maude Dagenais (McGill University)

"The need for sugar-coating: Profiling of *Schistosoma mansoni* EV surface glycans"

11:45 am - 12:00 pm - **BREAK** and ready for Keynote!!!

12 - 1 pm - **Keynote Speaker:** Photini Sinnis, M.D., Ph.D. - Professor, Johns Hopkins Bloomberg School of Public Health

"Establishment of Malaria Infection: Parasite Bottleneck and Point for Intervention"

1 - 2:30 pm - LUNCH. Poster viewing and interactions via SLACK

Afternoon Session: Chair, Dr. Meera Nair

2:30 - 2:45 pm - Daniel Velez-Ramirez (UCLA, Hill lab)

"cAMP-dependent phosphorylation of flagellum proteins in *Trypanosoma brucei*"

2:45 - 3:00 pm - Emily Merritt (University of Arizona, Koshy lab)

"Are T cells recognizing *Toxoplasma* injected Neurons (TINs)?"

3:00 - 3:15 pm - Edward Vizcarra (UCR, Wilson lab)

"A *Toxoplasma* recrudescence ex vivo model"

3:15 - 3:30 pm - Zeinab Chahine (UCR, Le Roch lab)

"A multi-omics approach to understand the mode of action of a kalihinol analogue, a potent new anti-malarial against *Plasmodium falciparum*"

3:30 - 3:45 pm - Awards and Thank You's!!!