

SEMINAR SERIES

Fall 2020

SEPT. 02

"Thriving with Lanthanides: New Life Metals in Methylootrophy"

CECI MARTINEZ-GOMEZ | UC Berkeley

HOST: KATHLEEN RYAN

University of British Columbia | **BUCHANAN LECTURE: PATRICK KEELING**

HOST: VINCENT BOUDREAU & TASIOS MELIS

"Coral, photosynthesis, and the origin of apicomplexan parasites"

SEPT. 09

SEPT. 16

"Searching away from the streetlight: surprises from malaria's plastid organelle"

ELLEN YEH | Stanford University

HOST: DAN PORTNOY

"Plasmodesmata, reactive oxygen species and a trio of calcium channels orchestrate rapid systematic responses in plants"

University of Missouri | **RON MITTLER**

HOST: SHENG LUAN

SEPT. 23

SEPT. 30

"Replication-transcription conflicts and the evolutionary mechanisms of antimicrobial resistance"

HOURA MERRIKH | Vanderbilt University

HOST: ARASH KOMEILI

"One cell at a time: single-cell characterization of plant tissues"

Lawrence Berkeley National Laboratory | **BEN COLE**

HOST: SHENG LUAN

OCT. 07

OCT. 14

"Bacterial Reprogramming of Host Immunity During Tuberculosis"

DAVID TOBIN | Duke University

HOST: RACHEL BREM

"The 'disease triangle' in a warming climate"

Michigan State University | **SHENG YANG HE**

HOST: YANGNAN GU & KSENIA KRASILEVA

OCT. 21

OCT. 28

"The evolutionary potential of the SARS-CoV-2 Spike protein"

JESSE BLOOM | Fred Hutchinson Cancer Research

HOST: BRITT GLAUSINGER

"On the Origin of Personalized Infectious Disease Treatment Strategies by Means of Rapid Detection and Disease Outcome Predictions"

Boston College | **TSUJIMOTO LECTURE: TIM VAN OPIJNEN**

HOST: CHRISTINE QABAR & TASIOS MELIS

NOV. 04

NOV. 18

"Biosynthesis of membrane lipids in the archaeon *Sulfolobus acidocaldarius*"

PAULA WELANDER | Stanford University

HOST: MATT TRAXLER

"Genetics of fungal colonization associated with global exotic forestry: insights from pines and their symbiotic mycorrhizal fungi"

Duke University | **TAYLOR-WHITE LECTURE: RYTAS VILGALYS**

HOST: JOHN TAYLOR

DEC. 02

DEC. 09

LASANA HOTEPI | UC Berkeley Director for Diversity, Equity, Inclusion, and Belonging

HOST: KATHLEEN RYAN & RACHEL BREM

"Title TBD"