

International Virtual Symposium on Leishmaniasis & Trypanosomiasis

Thursday, December 07, 2023

Time zone: Eastern Time (GMT -5:00)

09:00 - 09:10	Welcome & Introduction to LeishSymposia-2023
	Session Chair: Roderick Williams , University of the West of Scotland, United Kingdom
09:10 - 09:40	Jeremy Mottram , University of York, United Kingdom High throughput genetic manipulation of leishmania to define genes required for life cycle progression
09:40 - 10:10	Mitali Chatterjee , Institute of Post Graduate Medical Education & Research, Kolkata, India Immune dysregulation and inflammation causes hypopigmentation in post kala-azar dermal leishmaniasis
10:10 - 10:40	Dan Zilberstein , Israel Institute of Technology, Israel The arginine sensing pathway in leishmania has a role in virulence
10:40 - 10:50	Discussion
10:50 - 11:00	Break
	Session Chair: Sebastien Pomel , Paris-Saclay University, France
11:00 - 11:30	Michael Boshart , University of Munich, Germany Cyclic AMP signaling and evolution of unusual protein kinase A in kinetoplastids
11:30 - 12:00	Harry De-Koning , University of Glasgow, United Kingdom Transporters as determinants of drug sensitivity and resistance in trypanosomiasis
12:00 - 12:30	Hira L. Nakhasi , U.S. Food and Drug Administration, MD, USA Progress and challenges in the development of a prophylactic vaccine against human leishmaniasis
12:30 - 12:40	Discussion
12:40 - 12:50	Break
	Session Chair: Sigrid Roberts , Pacific University Oregon, OR, USA
12:50 - 13:20	Kwang-Poo Chang , Rosalind Franklin University, IL, USA Molecular approaches to deploy singlet oxygen as an unassailable biocide for disease prevention and insect control
13:20 - 13:50	Scott Landfear , Oregon Health & Sciences University, OR, USA Trafficking of flagellar membrane proteins in <i>Leishmania mexicana</i>
13:50 - 14:20	Phillip Scott , University of Pennsylvania, PA, USA Skin microbiota-driven mechanisms underlying disease severity in cutaneous leishmaniasis
14:20 - 14:30	Discussion
14:30 - 14:40	Break
	Session Chair: Scott Landfear , Oregon Health & Sciences University, OR, USA
14:40 - 15:10	Veronica Jimenez , California State University Fullerton, CA, USA Ins and outs of mechanosensation in Trypanosomatids
15:10 - 15:40	Noelia Lander , University of Cincinnati, OH, USA Environmental sensing in <i>Trypanosoma cruzi</i>: the role of cAMP signaling microdomains
15:40 - 16:10	Alex Córdoba-Aguilar , National Autonomous University of Mexico, Mexico Avenues for <i>Trypanosoma cruzi</i> control based on disrupting chagasic bugs
16:10	Closing Remarks