

# International Virtual Conference on Schistosomiasis

Tuesday, December 12, 2023

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

09:00 - 09:10	Welcome & Introduction to Schistosoma-2023
	<b>Session Chair: Damilare Famakinde</b> , Queen's University Belfast, United Kingdom
09:10 - 09:40	<b>Christoph G. Grevelding</b> , Justus Liebig University Giessen, Germany <b>The "WEome" of <i>Schistosoma mansoni</i> – a DNA resource shaping schistosome biology, variability, and evolution?</b>
09:40 - 10:10	<b>Scott Cummins</b> , University of the Sunshine Coast, Australia <b>Snail-derived biomolecules as <i>Schistosoma miracidia</i> attractants</b>
10:10 - 10:40	<b>Parisa Kalantari</b> , Penn State University, PA, USA <b>cGas/STING-dependent Type I Interferon suppresses Gasdermin D mediated schistosome immunopathology</b>
10:40 - 11:10	<b>Alexander Webb</b> , Imperial College London, United Kingdom <b>Specific Nucleic Acid Ligation for the detection of Schistosomes: SNAILS</b>
11:10 - 11:20	<b>Discussions</b>
11:20 - 11:30	<b>Break</b>
	<b>Session Chair: Parisa Kalantari</b> , Penn State University, PA, USA
11:30 - 12:00	<b>Si-Ming Zhang</b> , The University of New Mexico, NM, USA <b>Genomics and genetics of schistosome resistance in snails</b>
12:00 - 12:30	<b>Patrick C. Hanington</b> , University of Alberta, Canada <b>Immunological determinants of snail-schistosome compatibility</b>
12:30 - 13:00	<b>Timothy J.C. Anderson</b> , Texas Biomedical Research Institute, TX, USA <b>Re-evaluating hybridization in schistosomes using genomic data</b>
13:00 - 13:30	<b>Christoph Grunau</b> , University of Perpignan Via Domitia, CNRS, IFREMER, University of Montpellier, France <b>Epigenetics of <i>Schistosoma mansoni</i></b>
13:30 - 13:40	<b>Discussions</b>
13:40 - 13:50	<b>Break</b>
	<b>Session Chair: Jerome Vicogne</b> , INSERM, CNRS, France
13:50 - 14:20	<b>Jonathan Marchant</b> , Medical College of Wisconsin, WI, USA <b>Progress interrogating TRPMPZQ as the target of Praziquantel</b>
14:20 - 14:50	<b>David Williams</b> , Rush University Medical Center, IL, USA <b>Identification of TGR inhibitors with <i>in vivo</i> activity surpassing Praziquantel</b>
14:50 - 15:20	<b>Floriano Paes Silva Junior</b> , Oswaldo Cruz Institute (IOC-FIOCRUZ), Brazil <b>Integrating phenotypic and target-based approaches for antischistosomal drug discovery</b>
15:20 - 15:30	<b>Discussions</b>
15:30 - 15:40	<b>Break</b>
	<b>Session Chair: Sevan Alwan</b> , University of Texas Health Science Center at San Antonio, TX, USA
15:40 - 16:10	<b>Thiago Almeida Pereira</b> , Stanford University, CA, USA <b>New insights in schistosomiasis fibrosis pathogenesis</b>
16:10 - 16:40	<b>Cristina Toscano Fonseca</b> , René Rachou Institute - Oswaldo Cruz Foundation (FioCruz), Brazil <b>Schistosomiasis diagnosis: search for more accurate tests to monitor the infection in humans</b>
16:40 - 17:10	<b>William Miller</b> , Villya Pharmaceuticals, FL, USA <b>Why water solubility matters: Praziquantel</b>
17:10 - 17:20	<b>Discussions</b>
17:20 - 17:30	<b>Concluding Remarks</b>