

Abstracts selected for short oral presentations

RT2: Vaccines and Immunoregulation for schistosomiasis control

- Genil Mororó Araújo Camelo Júnior - *Schistosoma mansoni* infection promotes *Leishmania amazonensis* proliferation while reducing lesion size in BALB/c mice.
- Mariana Ivo Khour - Epitope Mapping of Exposed Tegument and Alimentary Tract Proteins Identifies Putative Antigenic Targets in individuals after Praziquantel treatment.

RT3A: Epidemiology, environment, and sanitation

- John Archer - Hybridisations in Urogenital Schistosomiasis (HUGS): Initial findings upon parasitological surveys in Mangochi and Nsanje Districts, Malawi.
- Karina Varella Arpon - Genetic diversity of *Schistosoma mansoni* among human and reservoir rodent hosts in Brazil.

RT3B: Epidemiology, environment, and sanitation

- Zikmund Bartonicek - Fish Faecal Xenomonitoring as a tool for schistosomiasis transmission monitoring: laboratory and field testing.
- Isobel Gabain - Sensitivity and specificity of human point-of-care circulating cathodic antigen (POC-CCA) lateral flow test by using latent class models in a Bayesian analysis for rapid diagnosis of schistosomiasis in African livestock.

RT4A: Parasite-host interaction

- Fernanda Sales Coelho - Coactivator Associated Arginine Methyltransferase 1 (SmCARM1) knockdown affects reproduction and tegument of *Schistosoma mansoni*.
- Suellen Silva Cabral - Study of lipid metabolism of *Biomphalaria glabrata* snails during *Schistosoma mansoni* infection.

RT4B: Parasite-host interaction

- Tiago Manuel Fernandes Mendes - Characterization of two strains of *Schistosoma mansoni* with different drug susceptibility.
- Kássia Karoline Malta Oliveira - Cell populations distribution in hepatic granulomas during the experimental *Schistosoma mansoni* infection: an ecological view.

RT5: Studies and manipulation of *Schistosoma* and intermediate host 'omics'

- Adriana da Silva Andrade Pereira - Long non-coding RNAs regulated by chromatin-modifying enzymes are involved in the development of reproductive organs in *Schistosoma mansoni*.
- Jan Dvorak - Egg secreted proteins: greater diversity than we thought.

RT6: Strengthening basic health care

- Juliane Siqueira Francisco - The hepatic extramedullary hematopoiesis during experimental murine Schistosomiasis mansoni.
- Thainá Rodrigues de Souza Fialho - Lipidomic analysis reveals serum decreased level of several species of phosphatidylinositol in *Schistosoma mansoni* high burden-infected patients.

RT7A: Diagnostic in persisting schistosomiasis transmission areas

- Maria Eduarda da Silva Pereira - Evaluation of anti-SWAP specific immunoglobulin IgM, IgG4 and total IgG positivity after treatment in individuals infected with *Schistosoma mansoni*.
- Ronald Alves dos Santos - Reinfection by *Schistosoma mansoni* one year after mass drug administration of praziquantel in a high endemicity rural area of the state of Bahia, Brazil.

RT7B: Diagnostic in persisting schistosomiasis transmission areas

- Ana Cristina Loiola Ruas - Selection of immunogenic targets for development of serological tests in the diagnosis of *Schistosoma mansoni*.
- Joyce Favacho Cardoso Nogueira - Evaluation of Real Time PCR for the Detection of *Schistosoma mansoni* Infection, Before and After Treatment, in an Endemic Area in the Brazilian Amazon.

RT8A: Drug screening, development, and resistance

- Ana Eliza Zeraik - CRAC channel as a potential target against schistosomiasis.
- Murilo Sena Amaral - Long non-coding RNAs as novel therapeutical targets against schistosomiasis.

RT8B: Drug screening, development, and resistance

- Lucas Antonio de Lima Paula - *In vitro* and *in vivo* investigation of the biological potential of the standardized extract of Brazilian green propolis against *Schistosoma mansoni*.
- Rafael Ferreira Dantas - Development of a novel low-cost imaging platform based on smartphone and cloud computing to schistosomiasis drug discovery.

RT10: New approaches on the intermediate host studies

- Amanda Domingues de Araújo - Use of DNA Barcodes in mollusks to identify species of the genus *Biomphalaria* Preston, 1910 (Gastropoda: Planorbidae) from the Medical Malacology Collection of the René Rachou Institute.
- Grace Gadd - Molecular Xenomonitoring Techniques for the Detection of *Schistosoma mansoni* in Patent and Pre-patent Snail Hosts: *Biomphalaria* spp..