



34th Annual Swiss Trypanosomatid Meeting

<http://wp.unil.ch/trypmeeting/>

January 11-13
2017

Location

Mercure Classic Hotel
www.classic-hotel.ch
1854 Leysin

Organizers

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supported by the SKMB
Schweizerische Kommission für Molekularbiologie



Wednesday, January 11

15:00 Welcome Reception

16:00 Opening

Session 1

16:15 Yves Jackson
The emergence of Chagas disease in Europe

17:05 Ladan Dawoody Nejad
The role of T. brucei lipin in lipid droplet formation and phospholipid metabolism

17:25 Borka Jojic
Characterization of the translationally controlled tumor protein in Trypanosoma brucei

17:45 Francesca Florini
RHS proteins: delving into the role of a novel multigene family in T. brucei

18:30 DINNER

Session 2

20:00 Maria de Nazaré Correia Soeiro
Experimental chemotherapy for Chagas disease: in vitro and in vivo approaches

20:50 Sebastian Millius
Finding genes involved in social motility in Trypanosoma brucei

21:10 Stephanie DeMarco
Molecular and systems analysis of cell-cell communication and social behavior in Trypanosoma brucei

21:30 Moritz Niemann
tRNAs and proteins use the same import channel for translocation across the mitochondrial outer membrane of trypanosomes

Thursday, January 12

Session 3

- 9:00 Sam Alford
Decoding the protein networks underlying anti-trypanosomatid toxin efficacy
- 9:50 Natalie Wiedemar
Transcriptomics of suramin resistance in African trypanosomes
- 10:10 Samuel Rout
Mitochondrial protein import receptors in *T. brucei*
- 10:30 COFFEE

Session 4

- 11:00 Annette MacLeod
Title to be announced
- 11:50 Anke Harsmann
The unusual protein translocase in the mitochondrial inner membrane of *Trypanosoma brucei*
- 12:10 Simona Amodeo
Characterization of a novel kDNA associated protein in *T. brucei*
- 12:30 Anneliese Hoffmann
A molecular model of the mitochondrial genome segregation machinery in *T. brucei*
- 13:00 LUNCH

Thursday, January 12

Session 5

- 16:00 Eric Chatelain
Leishmaniasis: views from a drug discovery and development perspective
- 16:50 Filipa Teixeira
When a peroxidase moonlights as a chaperone: a tale of a protein essential for Leishmania infectivity
- 17:10 Marta Reverté Royo
The role of Nrf2 in Leishmania guyanensis infection
- 17:30 Dmitry Kopelyanskiy
TLR cooperation in inflammatory macrophages
- 19:00 DINNER
- 20:15 Poster Session

Friday, January 13

Session 6

- 9:00 Eva Gluenz
Discovery of new Leishmania motility mutants in a CRISPR-Cas9 knockout screen
- 9:50 Naguleswaran Arunasalam
Compositional analysis of RNA polymerase II in Trypanosoma brucei
- 10:10 Shikha Shikha
The peculiar case of CCA adding enzyme in T. brucei
- 10:30 Christine Clayton
Transcriptomes of A1:G24 brucei rhodesiense from sleeping sickness patients: similarities and differences relative to cultured and rodent-grown T. brucei
- 10:50 COFFEE
- 11:15 Prizes and Closure

POSTERS

- 1 Juan Pereira de Macêdo
Identification and functional characterization of ornithine transporters in T. brucei and their involvement in drug action
- 2 Jonathan Huot
Translocation of tRNA through the Inner Mitochondrial Membrane of T. brucei
- 3 Michael Steinmann
TbIRK is a signature sequence free potassium channel from Trypanosoma brucei locating to acidocalcisomes
- 4 Christoph Wenger
Characterization of three novel small Tims in T. brucei
- 5 Shubha Bevkal Subramanyaswamy
Investigation of Alba-domain proteins in Trypanosoma brucei
- 6 H  l  ne Baudouin
Identification of novel mitochondrial DNA segregation factors in Trypanosoma brucei using BioID
- 7 Ivo Regli
The role of neutrophils in the outcome of drug treatment against Leishmania (Viannia) panamensis
- 8 Anna Frieda Fesser
A new tool to the Trypanosoma cruzi toolbox
- 9 Corinne von K  nel
Elucidating the Import Motor for Mitochondrial Protein Import in T. brucei
- 10 David Sch  deli
Discovery of Novel Cardiolipin-dependent Proteins in T. brucei
- 11 Anna Albisetti
A new microtubule interacting protein localized at the FPC in T. brucei
- 12 Martin Jakob
3D reconstruction of T. brucei bloodstream form cells using SBFSEM
- 13 Silvia Desy
Enlarging the knowledge of the non-canonical mitochondrial outer membrane translocase of Trypanosoma brucei
- 14 Alexander Haindrich
Baby Steps towards bridging the knowledge on Amino Acid Transporters using distant Homology Modelling