



# 35<sup>th</sup> Annual Swiss Trypanosomatid Meeting

January 10-12, 2018

## **Location**

Mercure Classic Hotel  
[www.classic-hotel.ch](http://www.classic-hotel.ch)  
1854 Leysin

## **Organizers**

[slavica.masina@unil.ch](mailto:slavica.masina@unil.ch)  
[pascal.maeser@swisstph.ch](mailto:pascal.maeser@swisstph.ch)



FONDS NATIONAL SUISSE  
SCHWEIZERISCHER NATIONALFONDS  
FONDO NAZIONALE SVIZZERO  
SWISS NATIONAL SCIENCE FOUNDATION

Wednesday, January 10

16:00 Welcome Reception

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Session 1

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17:00 Opening

17:10 Arunasalam Naguleswaran  
***Analysing the trypanosome transcriptome in its tsetse host***

17:35 Shubha Bevkal Subramanyaswamy  
***Investigation of the multifaceted Alba-domain proteins in Trypanosoma brucei***

18:00 Sebastian Millius  
***The role of cAMP signaling in transmission of T. brucei in the tsetse fly***

18:30 DINNER

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Session 2

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20:00 Reto Brun  
***40 years research on African trypanosomes***

20:50 Tanja Wenzler  
***Drug-induced differentiation kills African trypanosomes***

21:15 Dmitry Kopelyanskiy  
***TLR cooperation in inflammatory macrophages and Leishmania infection***

Thursday, January 11

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Session 3

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- 9:00 Corinne von Känel  
***Elucidating the import motor for mitochondrial protein import in Trypanosoma brucei***
- 9:25 Sandro Käser  
***Cross-species complementation of mitochondrial protein import machineries in the outer membrane***
- 9:50 Claudia Eichenberger  
***Characterization of a putative MICOS complex in Trypanosoma brucei***
- 10:15 COFFEE

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Session 4

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- 11:00 Susan Wyllie  
***Drug target deconvolution in the trypanosomatids***
- 11:50 Francesca Florini  
***RHS proteins: a novel multiprotein family involved in transcriptional regulation of Trypanosoma brucei***
- 12:15 Caroline Dewar  
***Mitochondrial Quality Control in T. brucei***
- 13:00 LUNCH

Thursday, January 11

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Session 5

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- 17:00 John Kelly  
***Underpinning Chagas disease drug development with new insights into parasite biology***
- 17:50 Marianne Rocha Simões Silva  
***Drug repurposing strategy against Trypanosoma cruzi infection: in vitro and in vivo assessment of the activity of metronidazole in mono- and combined therapy***
- 18:15 Remo Schmidt  
***Drug discovery for sleeping sickness - the NITD / Universities of Glasgow and York / Swiss TPH consortium***
- 19:00 DINNER
- 20:15 Poster Session

Friday, January 12

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Session 6

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- 9:00 Frédéric Bringaud  
***Gluconeogenesis is essential for trypanosome development in the tsetse fly vector***
- 9:50 Marta Reverté Royo  
***Nrf2 contribution to the antimonial treatment failure in leishmaniasis***
- 10:15 Natalie Wiedemar & Michaela Zwyer  
***VSGs - More than immune escape***
- 10:40 COFFEE
- 11:15 Prizes and Closure

## POSTERS

- 1 Shikha Shikha  
***The peculiar case of CCA adding enzyme in T. brucei***
- 2 Jonathan Huot  
***Using in vivo synthesized tRNA substrates to study mitochondrial tRNA import in Trypanosomes***
- 3 Alexander Christoph Haindrich  
***An essential threonine uptake system in procyclic form T. brucei***
- 4 Bernd Schimanski  
***The MICOS complex of Trypanosoma brucei***
- 5 Christoph Wenger  
***Novel small Tim chaperones essential for TIM biogenesis in T. brucei***
- 6 Juan Macedo  
***Decoding the regulators of ribosomal DNA transcription in Trypanosoma brucei***
- 7 Hélène Baudouin  
***Characterisation of mitochondrial DNA-associated proteins in Trypanosoma brucei***
- 8 Anneliese Hoffmann  
***The mitochondrial HMG-box domain containing protein Tb927.9.5020 is essential for kDNA maintenance***
- 9 Alessio Loffreda  
***Unique Features of PE synthesis and characterisation of a START-domain containing protein in T. brucei***
- 10 Laura Laloli  
***Analysis of the chromatin-associated protein TbRRM1***
- 11 Nina Suter  
***Characterization of cardiolipin-dependent proteins in T. brucei***
- 12 Amélie Ritschl  
***Mode of drug action: Using Trypanosoma brucei as a model for Trypanosoma cruzi***
- 13 Marina Gysin  
***Microcalorimetric study of Trypanosoma congolense growth and growth inhibition by antitrypanosomal drugs***
- 14 Anna Fesser  
***Alive and green: Refining Chagas' disease in vitro drug screening***