

SSTMP students meeting 2021 Day 1

Technics: Kai Hänggeli

10:00 Arrival and welcome coffee				
10:30 - 10:40. Introduction (Britta)				
Oct 21, session 1, apicomplexa (9 talks)				chairs: Marina Maurizio + Mark Kaethner
time	name	affiliation	group	title
10:40	Matthias Wyss	Swiss TPH	Till Voss	Studying the role of a histone methyltransferase complex in antigenic variation in <i>Plasmodium falciparum</i>
10:47	Marina Maurizio	Institute of Animal Pathology, Bern	Philipp Olias	Identifying the essentialome of Theileria-infected leukocytes
11:04	Andrea Gaspare Valenti	Andrea Gaspare Valenti	Philipp Olias	CRISPR screens for identifying host factors required for Toxoplasma infection
11:11	Francis Brühlmann	Institute of Animal Pathology, Bern	Philipp Olias	Discovery of a new locus of repetitive effector proteins in <i>Theileria</i> and their putative role in malignant transformation
11:18	Daniela Rovito	Institute of Parasitology, University of Zürich	Adrian Hehl	The role of ApiAP2 transcription factors in the development of <i>Toxoplasma gondii</i>
11:25	Shu YE	Université de Genève	Dominique Soldati-Favre	Dynamics of bradyzoite cysts dissemination during chronic infection by <i>Toxoplasma gondii</i>
11:32	Romuald Haase	Université de Genève	Dominique Soldati-Favre	PCR1 and PCR2 form the core of the pre-conoidal rings that serves as a platform for glideosome assembly, actin polymerization and conoid protrusion in <i>Toxoplasma gondii</i> .
11:39	Kai Hänggeli	Institute of parasitology, Vetsuisse Uni Bern	Andrew Hemphill	CRISPR-Cas9 Genome Editing in <i>Toxoplasma gondii</i> : Single and Duplex Real-Time PCRs to reliably avoid Off-Target Effects Associated with Multiple Integrations of Selectable Markers
11:46	Rouaa Ben Chaabene	Université de Genève	Dominique Soldati-Favre	Rhoptries: key organelles for entry and hijack of host cells by the Apicomplexa
11:55- 12.20 Parasite Quiz (25 minutes)				
12.20 - 14h LUNCH				
Oct 21, session 2 (9 talks)				chairs: Andrea Valenti Gaspare + Annina Bindschedler
time	name	affiliation	group	Title
14:00	Valerio Anelli	Institute of Parasitology, University of Zürich	Adrian Hehl	Molecular mechanisms of cyst formation in <i>Besnoitia besnoiti</i>
14:07	Mariko Dale	Institute of Animal Pathology, Bern	Philipp Olias	<i>Cryptosporidium parvum</i> and the Mystery of the Exportome
14:14	Ana Kalichava	Institute of Cell Biology, University of Bern	Torsten Ochsenreiter	Ultrastructure expansion microscopy in <i>Trypanosoma brucei</i>
14:21	Sandra Le Bissonnais	Laboratory of Ecology and Epidemiology of Parasites, IBIOL, UniNe	Jacob Koella	Mosquitoes: vector capacity, insecticide resistance and microbiota
14:28	Alida Kropf	Laboratory of Ecology and Epidemiology of Parasites, IBIOL, UniNe	Jacob Koella	Interactions between immune responses and temperature in the yellow fever mosquito, <i>Aedes aegypti</i>
14:35	Tiago Zeferino	Laboratory of Ecology and Epidemiology of Parasites, IBIOL, UniNe	Jacob Koella	Consequences of self-medication in <i>Anopheles gambiae</i>
14:42	Julia Ettlín	Institute of Parasitology, Zurich	Alexander Mathis	Japanese Encephalitis Virus: Vector Competence of Swiss Mosquito Species, and Viral in vitro and in vivo Evolution
14:49	David Hug	Institute of parasitology UZH	Niels Verhulst	Thermal preference of mosquitoes in field, semi-field and laboratory studies
14:56	Isaac Namango	Swiss TPH	Manuel Hetzel	CDC light trap and HDT compared to HLC for measuring Anopheles biting in rural Tanzania
15.05- 15.30 Parasite Quiz (25 minutes)				
Coffee 15h30 - 16h				
SSTMP thinktank (discussion in work groups, presentation to the group): 16h - 17h30				
18 h - 19h Fackelwanderung («kleine Welt») + Gluhwein + Dinner				

SSTMP students meeting 2021 Day 2

Oct 22, session 1				
9:00	Stefanie Brighenti, PhD	Scientific Officer, Swiss National Science Foundation (SNSF)		Career perspectives after the PhD: Going for a Postdoc abroad with an SNF fellowship
Coffee 10-10h30				
10:30	Lucien Rufener, PhD	CEO, Invenesis		Career perspectives after the PhD: Working with Pharma and Biotech in Switzerland
Lunch 12-14h				
Oct 22, session 2				
chairs: Tiago Zeferino + Matthias Wyss				
14:00	Alexis Martin	Biostatistics unit at Swiss TPH	Penelope Vounatsou	Assessing malaria epidemic behavior using wavelets
14:07	Patrick Scherrer	FIWI, Vetsuisse Bern	Heike Schmidt-Posthaus	<i>Toxoplasma gondii</i> infection in the Eurasian lynx
14:14	Sheena Chaudhry	Institute of Parasitology, Bern	Britta Lundström-Stadelmann	Dual inhibition of the <i>Echinococcus multilocularis</i> energy metabolism
14:21	Marc Kaethner	Institute of Parasitology, Bern	Britta Lundström-Stadelmann	The Achilles' heel of the fox tapeworm? - Investigation of the threonine metabolism of <i>Echinococcus multilocularis</i>
14:28	Tobias Kämper	Institute of Parasitology, Bern	Britta Lundström-Stadelmann	Albendazole against <i>Echinococcus multilocularis</i>
14:35	Lydia Hottenbacher	Swiss TPH	Stefanie Knopp	Novel tools and strategies for breaking schistosomiasis transmission in Pemba, Tanzania
14:42	Viviane Sprecher	Swiss TPH	Jennifer Keiser	Clinical evaluation of novel treatment combinations against trichuriasis in Côte d'Ivoire
14:49	Stefan Biendl	Swiss TPH	Jennifer Keiser	Discovery of novel antischistosomal scaffolds from the open access Pandemic Response Box.
14:56	Annina Bindschedler	Institute of Cell Biology, University of Bern	Volker Heussler	NRF2 signaling in <i>Plasmodium</i> -infected hepatocytes
Closure, Feedback, Group photo! 15h - 16h				
Departure. 16:12 Postauto, Luzern arrival 16:43				