

Satellite meeting: PhD and doctoral students meeting of the SSTMP 9 November, 2022, Kursaal Bern

Wednesday, 9 November			
9:30 – 10:00	Welcome	Britta Lundström-Stadelmann, Kerry Woods, Pascal Mäser, Till Voss	
Presentations of students' projects: (8 minutes + 2 minutes questions)			
10:00 – 11:20	<ol style="list-style-type: none"> 1. Thermal preference of mosquitoes and biting midges 2. Microbiota-mediated resistance to insecticides in the major malaria vector mosquito <i>Anopheles gambiae</i> 3. <i>Toxoplasma gondii</i> infection in the Eurasian Beaver (Castor fiber) 4. DNA from water samples for detection of <i>Tetracapsuloides bryosalmonae</i>: comparison and calibration of different methods 5. Zoonotic cestodes in domestic swiss cats 6. Test development for alveolar and cystic echinococcosis diagnostics 7. Risk factors for AE and CE in Kyrgyzstan 	<p>David Hug</p> <p>Sandra le Bissonais</p> <p>Patrick Scherrer</p> <p>Moritz Stelzer</p> <p>Rebecca Furtado Jost</p> <p>Philipp Kronenberg</p> <p>Kuban Abdykerimov</p>	<p>University of Zürich Institute for Parasitology UniNe, Laboratoire d'épidémiologie et écologie des parasites</p> <p>University of Bern, Institute for Fish and Wildlife Health and Institute of Parasitology</p> <p>University of Bern, Institute for Fish and Wildlife Health</p> <p>University of Bern, Institute of Parasitology</p> <p>University of Zürich Institute for Parasitology</p> <p>University of Zürich, Section of Epidemiology</p>
11:20 – 12:00	Parasite Quiz		
Lunch + Check in 12:00 – 14:00 Check in at Marta Haus available from 13h30			

Presentations of students' projects: (8 minutes + 2 minutes questions)

14:00 – 15:30

- | | | |
|---|------------------------|---|
| 1. Compounds from the root bark of <i>Ziziphus jujuba</i> with <i>in vitro</i> antiprotozoal activity | Ozlem Sevik Kilicaslan | University of Geneva, School of Pharmaceutical Sciences |
| 2. Evaluating phosphodiesterase-inhibitors as potential anticryptosporidials. | Jubilee Ajiboye | University of Vermont, Department of Medicine USA |
| 3. Nanopore sequencing of <i>Plasmodium falciparum</i> antimalarial drug resistance genes | Salome Hosch | Swiss Tropical and Public Health Institute |
| 4. Improving genotyping methods in antimalarial clinical trials | Daniela Montero Salas | Swiss Tropical and Public Health Institute |
| 5. Moxidectin - a promising alternative to ivermectin in strongyloidiasis treatment | Viviane Sprecher | Swiss Tropical and Public Health Institute |
| 6. Determining the Pharmacokinetics of Praziquantel for an effective deworming in European Pond Turtles | Christian Lotz | Swiss Tropical and Public Health Institute |
| 7. Screening of the MMV Pandemic Response Box against alveolar echinococcosis | Pascal Zumstein | University of Bern, Institute of Parasitology |
| 8. Improving translational power in antischistosomal drug discovery | Stefan Biendl | Swiss Tropical and Public Health Institute |
| 9. Schistosomiasis elimination in Zanzibar - insights after two years of the SchistoBreak study | Lydia Trippler | Swiss Tropical and Public Health Institute |

Coffee break

Presentations of students' projects: (8 minutes + 2 minutes questions)

16:00 – 17:00

- | | | |
|--|---------------|---|
| 1. Novel insights into the sex-specific biology of <i>P. falciparum</i> | Beatriz Graça | Swiss Tropical and Public Health Institute |
| 2. The interactome of putative <i>Giardia lamblia</i> virulence factors implicates endocytic compartments in unconventional secretion pathways | Erina Balmer | University of Bern, Institute of Cell Biology |
| 3. Investigations into the mode of action of leucinostatin A and its derivatives on mitochondria and mitochondrial ATP synthase | Lukas Rimle | University of Bern, DCBP |
| 4. Providing stability without being rigid – the dual nature of the TAC in <i>Trypanosoma brucei</i> | Irina Bregy | University of Bern, Institute of Cell Biology |
| 5. Starving a deadly parasite: Investigation and inhibition of the threonine metabolism of the fox tapeworm <i>Echinococcus multilocularis</i> | Marc Kaethner | University of Bern, Institute of Parasitology |

17:15 – 18:15

- | | | |
|--|-------------|--|
| Why and how to pursue a career in tropical medicine and parasitology | Peter Hotez | Baylor College of Medicine, Texas, USA |
|--|-------------|--|