

**JOINT SPRING SYMPOSIUM 2019**  
Danish Society for Parasitology and  
Danish Society for Tropical Medicine & International Health

***Microbiota in host-parasite interaction***

Friday 5<sup>th</sup> April, 2019, 8:30-16:15  
Frederiksberg Campus, Lecture room 1-01 (Festauditoriet),  
Bülowsvej 17, 1870 Frederiksberg C

**Programme**

8.30 Registration  
9.00 Welcome Peter Nejsun, DSP

**1<sup>st</sup> oral session. Chair: Brian Lund Fredensborg**

9.05 **Key note presentation: Sara Parkins: Worms and Germs – the wild gut as an interacting biome**

9.50 Suraj Dhakal: Interaction of parasite and sub-lethal chemical stress results increase establishment of parasite and synergy on insect host fitness

10.05 René Bødker: Predicting outbreaks of mosquito borne *Setaria tundra* parasites in Finnish reindeer: a mechanistic transmission model approach

10:20 2 min poster presentations by: Laura Boysen Dall, Amin Zakeri, Veronika Potocka, Audrey Inge Andersen-Civil, Salem Belkessa, Maibritt Mardahl, Trine Staalsø, Dan Klaerke

10.40-11.10 Coffee and poster viewing

**2<sup>nd</sup> Oral session. chair: Lars Hviid**

11.10 Samuel Yao Ahorhorlu: Susceptibility of *Plasmodium falciparum* field isolates to Artemisinin – based combination therapies in a Ghanaian population

11.25 Rasmus Jensen: Vaccine induced mice monoclonal antibodies reactive across the highly diverse CIDR $\alpha$ 1 antigens

11.40 Mary Lopez-Perez: Comprehensive analysis of Fc-mediated IgM binding to the *Plasmodium falciparum* erythrocyte membrane protein 1 family in three parasite clones

11.55 Lena Höbel: Identification of mimotopes (epitope mimics) for anti-RH5 monoclonal antibodies by random peptide phage display library pannings

12.10 2 min poster presentations by: Anna Kassow Grønlund, Leah Lourenco, Anne Borup, Christian Simonsen, Sidsel Dahl Andersen, Dan Klaerke, Anna-Sofie Stensgaard, Azmi Al-Jubury, Huria Marnis

12.30-13.30: Lunch

### 3<sup>rd</sup> Oral session. Chair: Lea Klingenberg Barfod

- 13:30      **Key note presentation: Bahtiar Yilmaz: Natural protective mechanism driven by gut microbiota against Plasmodium Infection**
- 14:15      Khairul Syahputra: Differential immune gene response in gills, skin, and spleen of rainbow trout, *Oncorhynchus mykiss* infected by *Ichthyophthirius multifiliis*
- 14:30      Charlotte Bonde: The Nordic seaweeds *Saccharina latissima* and *Laminaria digitata* have potent *in vitro* anthelmintic effects against the pig nematode *Ascaris suum*
- 14:45      Abbey Olsen: Seroprevalence of *Toxoplasma gondii* in domestic pigs, sheep, cattle, wild boars, and moose in the Nordic-Baltic region: Methodological considerations
- 15:00      2 min poster presentations by: Nexhibe Beciri, Anne Schlitterlau Knudsen, ~~Marie Louise Honoré Jørgensen~~, Lars Hviid, Nikoline Dupont Møller, Heidi Huus Petersen, Sandrine Biduda, Laura Myhill, Melanie Walker
- 15:20 – 15:40 Coffee and poster viewing

### 4<sup>th</sup> Oral session. Chair: Pikka Jokelainen

- 15:40      Mwemezi Kabululu: *Taenia solium* cysticercosis - still a major problem in smallholder pigs in the Southern Highlands of Tanzania
- 15:55      Anne Majgaard Jensen: The zoonotic potential of the dog hookworm *Ancylostoma ceylanicum* in Mwanza and Simiyu regions, Tanzania
- 16:10      Young Scientist award + closing remarks: Birgitte Vennervald, DSTMIH
- 16:15      Informal gathering next to the auditorium