

JOINT SPRING SYMPOSIUM 2017
Danish Society for Parasitology and
Danish Society for Tropical Medicine & International Health

Host-Parasite Communication

Friday 31th March, 2017, 8:30-16:10
Frederiksberg Campus, Lecture room 1-01 (Festauditoriet),
Bülowsvej 17, 1870 Frederiksberg C

Programme

8.30 Registration
9.00 Welcome Peter Nejsum, DSP

1st oral session. Chair: Peter Nejsum

9.05 **Key note presentation: Antonio Marcilla**
Extracellular vesicles from parasitic helminths and biomedical applications

9.50 Eline Palm Hansen: Extracellular vesicles of parasitic nematodes in pigs: An examination of contents and uptake in host cells

10.05 Louise von Gersdorff Jørgensen: Zebrafish as a model organism to study host/parasite interactions

10:20 2 min poster presentations by: Simone Norstrand Gasque, Rebecca Berg, Angela Valente, Heidi H. Petersen, Yvonne Adams, Helena Mejer, Ikhlal Kana

10.45-11.10 Coffee and poster viewing

2nd Oral session. chair: Lars Hviid

11.10 Maria del Pilar Quintana: A novel SURFIN4.2 protein complex at the merozoite apex and surface implicated in *Plasmodium falciparum* invasion

11.25 Rebecca Wendelboe Olsen: Cross-reactive antibodies targeting a PfEMP1 motif associated with cerebral malaria inhibit ICAM-1 binding

11.40 Cyrielle Fougereux: The MHC class II associated invariant chain, engineered for proteolytic cleavage increases MHC class I and II restricted antigen presentation and antibody responses towards PfEMP1 domains

11.55 Tine Kliim Nydahl: Identification of single-nucleotide polymorphisms in mitochondrial DNA and the Kelch 13 gene of *Plasmodium falciparum* in different geographical populations

12.10 2 min poster presentations by: Gertrude Ecklu-Mensah, Sara Almeida, Simon Jakobsen, Suraj Dhakal, Nao Takeuchi-Storm, Laura Myhill, Chiara Trevisan

12.30-13.30: Lunch

3rd Oral session. Chair: Lars Hviid / Annette Olsen

- 13.30 **Key note presentation: Neta Regev-Rudzki**
Malaria Parasite Networking
- 14:15 Iman Mohamed: Risk factors affecting haemoglobin levels and physical fitness in schoolchildren living in *Schistosoma mansoni* and malaria endemic areas bordering Lake Victoria in Kenya and Tanzania
- 14:30 Ana Merino: Molecular identification of hookworm species in dog faeces from Morogoro, Tanzania
- 14:45 Chiara Trevisan: Disease behaviours of sows naturally infected with *Taenia solium* in Tanzania
- 15:00 2 min poster presentations by: Maria Sokolova, Miriam Casacuberta Partal, Marina Crespo, Antonia Huelle/Heidi Ebbesen, Helena Mejer, Iulia Bucur
- 15:15 – 15:35 Coffee and poster viewing

4th Oral session. Chair: Kurt Buchmann

- 15:35 Nao Takeuchi-Storm: Farm level risk factors for liver fluke infection in Danish dairy cattle as evaluated by two diagnostic methods
- 15:50 Shaozhi Zuo: Host size-dependent anisakid infection in Baltic cod *Gadus morhua* associated with differential food preferences
- 16:05 Young Scientist award + closing remarks: Birgitte Vennervald, DSTMIH
- 16.10 Informal gathering next to the auditorium