

JOINT SPRING SYMPOSIUM 2012
Danish Society for Parasitology and
Danish Society for Tropical Medicine & International Health

“Double burden of disease – how parasites interact with each other, their host and the society”

Friday 23rd of March, 2012, 8:00-16:10

Faculty of Life Sciences, Lecture room 1-01 (Festauditoriet), Bülowsvej 17, 1870 Frederiksberg C

Programme

8.00 Registration and welcome: Kim David, DSTM&IH

Oral session (Treatment), chair: Birgitte J. Vennervald

8.30 **Effects of hydrogen sulfide donors on malaria parasite growth and development of experimental cerebral malaria**

Della Valle B, Staalsoe T, Kurtzhals JAL, Hempel C

8.45 **Invertebrate-parasite models: determining infection reliability in relation to methodology and dose and subsequent suitability for pharmacological testing**

Palsdottir GR, Woolsey ID, Kapel CMO, Meyling NV

9.00 **The Comparison of Efficacy of Ivermectin and Oxfendazole for Treatment of Porcine Cysticercosis in Naturally Infected Pigs**

Mkupasi EM, Johansen MV, Ngowi HA, Sikasunge CS

9.15 **A molecular basis for differing Ivermectin sensitivity in vertebrate, Platyhelminth and Nematode cys-loop receptors**

Lynagh T, Webb TI, Dixon CL, Cromer BA, Lynch JW

9.30-10.15 **Key note presentation. Professor Ib Bygbjerg:**

Double burden of infectious and non-communicable diseases, emphasis on parasites and NCD - *Parasites had a renaissance when crypto-, iso-, micro-sporidiosis, leishmaniasis, toxoplasmosis and even malaria met with HIV. What may happen when parasites and other infections meet with non-communicable diseases?*

10.15-11.00 Coffee and poster viewing

Oral session (Genetics), chair: Peter Nejsum

11.00 **Determining prevalence of cyp2b6 alleles in Tanzania using a post-PCR ligation detection reaction-fluorescent microsphere assay**

Hansson HH, Alifrangis M, Vestergaard LS, Ishengoma D, Lemnge MM, Nyagonde N, Bygbjerg IC

11.15 **Confirmation of a QTL region associated with susceptibility to *Ascaris suum* infections in pigs**
Skallerup P, Nejsum P, Jørgensen CB, Göring HHH, Karlskov-Mortensen P, Archibald AL, Fredholm M, Thamsborg SM

11.30 **DNA of *Dientamoeba fragilis* detected within surface-sterilized eggs of *Enterobius vermicularis*.**
Röser D, Nejsum P, Carlsgart J, Nielsen HV and Stensvold, CR

11.45 **Genetic variation in mitochondrial DNA among *Enterobius vermicularis* in Denmark.**
Rodríguez M, Röser D, Nielsen HV, Olsen A, Nejsum P

12.00-12.50: Lunch

Oral session (Helminths), chair: Christian Kapel

13.00 **Parasites of the raccoon dog – an invading species.**
Al-sabi MNS, Hammer AS, Chriél M, Enemark HL

13.15 **Classification of parasite eggs used as an active pharmaceutical ingredient (API).** Bruun JM, Carstensen JM, Thamsborg S, Roepstorff A, Christensen S, Kapel CMO

13.30 **Use of *Moringa oleifera* seed extracts to reduce helminth egg numbers and turbidity in irrigation water.**
Sengupta ME, Keraita B, Olsen A, Boateng OK, Thamsborg SM, Pálsdóttir GR, Dalsgaard A

Oral session (Malaria), Chair: Kim David

13.50 **A pipeline for the production of human affinity-matured recombinant monoclonal antibodies to *Plasmodium falciparum***
Dalgaard MB, Barfod L, Hviid L

14.05 **Group a *Pfemp1* functional domains bind icam1 and induce cross-reactive and adhesion inhibitory antibodies during malaria infections.**
Bengtsson A, Joergensen L, Rask TS, Olsen RW, Andersen MA, Turner L, TheanderTG, Higgins MK, Craig A, Brown A, Christoffersen S, Jensen ATR

14.20 **Uncomplicated malaria associated with reversible hearing impairment in children.**
Adjei GO, Goka BQ, Kitcher ED, Rodrigues OP, Badoe EV, Kurtzhals JAL

14.35-15.10 Coffee + poster viewing

15.10-15.55: **Key note presentation. Professor Maria Vang Johansen:
Using a One Health approach addressing the multiple burden of *Taenia solium* cysticercosis in sub-Saharan Africa**

15.55: Young Scientist award + closing remarks: Jørgen Kurtzhals, DSP

16.10: Informal meeting at DCEP