

NRCPD seminar (PhD students, and research students)

March 6 (Monday), 2023, 13:00 – 16:30 (PK Hall)

SESSION 1: 13:00 – 14:05

- *Babesia microti* and *Plasmodium berghei* co-infection in mice

Iqra Zafar (13:05 – 13:20)

- Development of *Babesia ovata* expressing tick antigen as live tick/parasite vaccine

Nada Arayaskul (13:20 – 13:35)

- Screening the compounds from the food and drug administration-approved library against *Babesia gibsoni* *in vitro*

Li Hang (13:35 – 13:50)

- Comprehensive molecular screening of bovine tick-borne Piroplasmida and Ehrlichiaaceae in Turkey

Zhuowei Ma (13:50 – 14:05)

SESSION 2: 14:15-15:15

- Epidemiology of vector-borne pathogens in dogs and the establishment of control measures for the diseases in Vietnam

Do Thanh Thom (14:15 – 14:30)

- Functional analysis of *Babesia bovis* spherical body proteins

Atefeh Fathi (14:30 – 14:45)

- Epidemiology survey on tick-borne diseases of camels in Egypt and establishment of control measures

Moaz Amer (14:45 – 15:00)

- Type-specific PCR assays for the detection of *Theileria equi* genotypes

Believe Ahedor (15:00 – 15:15)

SESSION 3: 15:25-16:25

- *In vitro* cultivation of *Theileria equi* isolates from naturally infected horses in Mongolia

Otgonsuren Davaajav (15:25 – 15:40)

- Study of the function and the mechanism on the *Toxoplasma gondii* gra regulating the activation of nlrp3 inflammasome

Chen Yu (15:40 – 15:55)

- Comparison of DNA Sequences of the Gene Encoding Tegument Surface Protein (Sj14-3-3) in *Schistosoma japonicum* Geographic Strains and isolates

Kevin Ona (15:55 – 16:10)

- Drug Target Identification and Development of Therapeutic compound in *Babesia*

Silviane Miruka (16:10 – 16:25)

Closing remarks, Prof. Kawazu (16:25 – 16:30)

Organizers: Iqra Zafar and Dr. Rika Shirafuji

NRCPD seminar (Postdocs and students)

March 16 (Thursday), 2023, 09:00 – 11:20 (PK Hall)

SESSION 1: 9:00-10:00

- Development of recombinant *Toxoplasma*-derived effector molecule TgGRA to control *Toxoplasma* infection

Tanjila Hasan (09:00 – 09:15)

- Identification of genes in *Aedes aegypti* for *Plasmodium gallinaceum* infection through oral RNAi

REGILME Maria Angenica Fulo (09:15 – 9:30)

- Molecular Detection of Selected Tick-borne Protozoan and Bacterial Pathogens from Livestock in Bangladesh

Uday Kumar Mohanta (9:30 – 9:45)

- Nanobiotechnology molecular target approaches to suppress *Babesia gibsoni* growth utilizing a novel gene therapy

Shimaa El-Sayed (9:45 – 10:00)

SESSION 2: 10:15-11:15

- Antiplasmodial Activity Evaluation of a Bestatin-related Aminopeptidase Inhibitor, Phebestin

Nanang Ariefta (10:15 – 10:30)

- Role of *Neospora caninum* surface antigen in the pathogenesis of neosporosis in BALB/c mice

Md. Masudur Rahman (10:30 – 10:45)

- Inhibitory effect of crude extracts from five marine macroalgae on the *in vitro* multiplication of *Babesia* and *Theileria* species

Guswanto (10:45 – 11:00)

- A survey of bovine babesiosis in Kyrgyzstan

Thillaiampalam Sivakumar (11:00 – 11:15)

Closing remarks, Prof. Kawazu (11:15 – 11:20)

Organizers: Dr. Thillaiampalam Sivakumar and Dr. Rika Shirafuji