

# NRCPD SEMINAR (PhD student & postdoc & research student)

September 6, 2024  
PK Hall (8:45-17:05)

8:45-9:00

Introduction (including orientation)

Dr. Inoue

## SESSION 1: 9:00 – 10:15

Identification of Novel Antiprotozoal Agents Against *Babesia bovis* from a Library of 480 Bioactives  
**Yongchang Li** (9:00 – 9:15), P- 03

Investigation of quinolone-tethered aminoguanidine as novel antiplasmodial agents  
**Nanang Arieftha** (9:15 – 9:30), P- 04

Bioinformatic analysis of host's cell transformation-related genes in *Theileria* sp. Yokoyama  
**Thillaiampalam Sivakumar** (9:30 – 9:45), P- 05

Dual-antigen Point-of-Care Test for the Rapid Detection of *Schistosoma japonicum*  
**Adrian Miki Cular MACALANDA** (9:45 – 10:00), P- 06

High-throughput screening of a compound library against equine piroplasmiasis  
**Guswanto** (10:00 – 10:15), P- 07

**Break time** 10:15 – 10:30

## SESSION 2: 10:30 – 12:00

Unraveling the relationship between the population genetic structure of *Tabanus nipponicus* (Tabanids) and its *Trypanosoma* spp. infection rate as influenced by environmental factors in Tokachi Region, Hokkaido, Japan

**REGILME Maria Angenica Fulo** (10:30 – 10:45), P- 08

The detection of zoonotic microorganisms in *Rhipicephalus sanguineus* (brown dog ticks) from Vietnam and the frequency of tick infestations in owned dogs

**Do Thanh Thom** (10:45 – 11:00), P- 09

Protective efficacy of novel TLR2-binding adjuvant Pam3CSK4 in controlling toxoplasmosis

**Tanjila Hasan** (11:00 – 11:15), P- 10

Repositioning of cipargamin as an antibabesial drug reveals Babesia ATP4 mutations associated with decreased efficacy

**Li Hang** (11:15 – 11:30), P- 11

Functional analysis of *Babesia bovis* spherical body protein 3

**Atefeh Fathi** (11:30 – 11:45), P- 12

Protozoan and Rickettsial Pathogens in Ticks Collected from Infested Cattle from Turkey

**Zhuowei Ma** (11:45 – 12:00), P- 13

**Break time** 12:00 – 13:00

## SESSION 3: 13:00 – 14:15

Study of the Function and the Mechanism on the *Toxoplasma gondii* GRA7 Regulating the Activation of NLRP3 Inflammasome

**Chen Yu** (13:00 – 13:15), P- 14

Parasitological and molecular investigation of *Trypanosoma evansi* in dromedaries from Greater Cairo, Egypt

**Moaz Amer** (13:15 – 13:30), P- 15

Population structure analysis of *Schistosoma japonicum* distributed in communities near Tacloban City, Leyte Province of the Philippines (preliminary survey)

**Sirin Kunluang** (13:30 – 13:45), P- 16

Characterization of major facilitator superfamily as a transporter protein in *Babesia ovata*

**Silviane Miruka** (13:45 – 14:00), P- 17

脳神経細胞の機能を改変するトキソプラズマ由来エフェクター分子に関する研究

中村 柊(14:00 – 14:15), P- 18

**Break time** 14:15 – 14:30

**SESSION 4: 14:30 – 16:00**

Study on molecular mechanisms of *Babesia* transmission in *Haemaphysalis longicornis* ticks

**Dong Liang** (14:30 – 14:45), P- 19

Epidemiological survey of zoonotic *Babesia* species in questing ticks in Hokkaido, Japan

**Yihong Ma** (14:45 – 15:00), P- 20

Prevalence and Molecular Detection of *Babesia* spp. in *Rattus* spp. in Selected Provinces in the Philippines

**Sherwin R. Escurel** (15:00 – 15:15), P- 21

Role of *Neospora caninum* cyclophilin in the pathogenesis of neosporosis

**Md Hasibul Hasan** (15:15 – 15:30), P- 22

ネッタイシマカにおけるイヌ糸状虫認識機構の解明

**倉本樹**(15:30 – 15:45), P- 23

Seasonal activities, morphological characteristics, and veterinary importance of *Haemaphysalis mageshimaensis* in Ishigaki and Yonaguni, Okinawa, Japan

**Satoko Nakao** (15:45 – 16:00), P- 24

**SESSION 5: 16:00 – 17:00**

Free discussion

17:00-17:05

Commentary

**Dr. Inoue**