

NRCPD seminar (PhD students)
August 7 (Monday), 2023, 9:00 – 12:00 (PK Hall)

SESSION 1: 9:00 – 10:15

- Co-infection dynamics between the *Babesia microti* and *Plasmodium Yoelii*
Iqra Zafar (9:00 – 9:15), P-02
- Development of recombinant vaccine based on *Toxoplasma*-derived effector molecule TgGRA15 to control *Toxoplasma* infection
Tanjila Hasan (9:15 – 9:30), P-03
- Epidemiology of vector-borne pathogens in dogs and the establishment of control measures for the diseases in Vietnam
Do Thanh Thom (9:30 – 9:45), P-04
- Study of the Function and the Mechanism on the *Toxoplasma gondii* GRA7 Regulating the Activation of NLRP3 Inflammasome
Chen Yu (9:45 – 10:00), P-05
- Molecular identification of tick-borne piroplasmids in ticks from infested small ruminants in Konya province, Turkey
Zhuowei Ma (10:00 – 10:15), P-06

Break 10:15-10:30

SESSION 10:30 - 12:00

- Assessment of *Babesia gibsoni* CCp 1, 2 and 3 as components of transmission blocking vaccines for babesiosis *in vitro*
Hang Li (10:30 – 10:45), P-07
- Functional analysis of *Babesia bovis* spherical body protein 3
Atefeh Fathi (10:45 – 11:00), P-08
- Tick-Borne Piroplasmids in Camels: Findings from Blood Samples Collected from Slaughterhouses and a Camel Market in Cairo and Giza Governorates, Egypt
Moaz Amer (11:00 – 11:15), P-09
- Development and evaluation of specific PCR assays for detecting *Theileria equi* genotypes
Believe Ahedor (11:00 – 11:30), P-10
- Evaluation the efficiency of RFP-BDS expression as a selectable marker in *Babesia ovata*
Nada Arayaskul (11:30 – 11:45), P-11
- Drug Target Identification and Development of Therapeutic compound in Babesia
Silviane Miruka (11:45 – 12:00), P-12

NRCPD seminar (Postdocs and research students)
August 7 (Monday), 2023, 13:30–16:00 (PK Hall)

SESSION 1: 13:30 – 14:45

- Relationship between malaria and its mosquito vector: Identification of important genes in *Aedes aegypti* for *Plasmodium gallinaceum* development through oral RNA interference
REGILME Maria Angenica Fulo (13:30–13:45), P-03
 - Molecular detection of selected canine tick-borne pathogens in ticks and stray dogs in Dhaka city, Bangladesh
Uday Kumar Mohanta (13:45–14:00), P-04
 - Development of Nano-delivery system targeting *Babesia gibsoni* iRBCs using Chitosan nanoparticles
Shimaa El-Sayed (14:00–14:15), P-05
 - Research on the pathogenesis of abnormal birth and alteration of lipid metabolism caused by *Toxoplasma* infection
Ushino (14:15–14:30), P-06
 - Targeting cleavage and polyadenylation specificity factor 3 to control babesiosis
Ji Shengwei (14:30–14:45), P-07
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Break 14:45-15:00

SESSION 2: 15:00 – 16:00

- Unconventional tick species as potential vectors for bovine babesiosis
Thillaiampalam Sivakumar (15:00–15:15), P-08
 - High-throughput screening of a compound library against equine piroplasmiasis
Guswanto (15:15–15:30), P-09
 - *In vitro* and *in vivo* trypanocidal efficacy of nitrofurans and -thiophene based azine derivatives
Helena D. Janse van Rensburg (15:30–15:45), P-10
 - Study on molecular mechanisms of *Babesia* transmission in *Haemaphysalis longicornis* ticks
Dong Liang (15:45–16:00), P-11
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NRCPD セミナー (学部学生・修士課程学生/Foreign visiting Researcher)

August 8, 2023

SESSION 1: 9:15 – 10:00、座長：麻田 正仁

北海道における鳥類住血胞子虫感染状況の調査

橋爪 宏 (9:15 – 9:30), P- 03

Epidemiological study of tick-borne infectious in livestock from the Qinghai-Tibetan plateau area

Yihong Ma (9:30 – 9:45), P- 04

Babesia spp. に対するシタマキンの抑制作用の評価

関口 かるな (9:45 – 10:00), P- 05

Break time 10:00 – 10:15

SESSION 2: 10:15 – 11:00、座長：白藤 梨可

トキソプラズマ感染による宿主細胞死メカニズムの解明

中村 柊 (10:15 – 10:30), P- 06

ネオスポラによる抗腫瘍効果メカニズムの解析

宮川 実紅 (10:30 – 10:45), P-07

Trypanosoma congolense に対する α -Tocopheryloxy acetic acid の効果

倉本 樹 (10:45 – 11:00), P- 08

Break time 11:00 – 11:15

SESSION 3: 11:15 – 12:15、座長：菅沼 啓輔

凍結精子保存液への非必須アミノ酸の添加によるイヌ凍結精子の運動性に及ぼす効果

松村 花月 (11:15 – 11:30), p-09

フタトゲチマダニにおけるアクアポリンの機能解析

佐藤 萌子 (11:30 – 11:45), p-10

Babesia ovata 感染フタトゲチマダニにおける IMD 経路構成分子の発現・機能解析

水野 寛太 (11:45 – 12:00), p-11

Studies on cross-reactive *Babesia* antigens as tools for babesiosis control.

Prof. Juan Mosqueda (12:00 – 12:15), p-12

講評：河津先生 12:15 – 12:20
