

# The 6<sup>th</sup> Trilateral Symposium & The 6<sup>th</sup> Biochemistry Graduate Student Retreat 2024

Program in Biochemistry and Molecular Biology (BMB)

## One Health for a Sustainable Society

17<sup>th</sup> May, 2024

8:30 - 16:15

Mahamakut Building

Faculty of Science

Chulalongkorn University

## Invited Speakers

### Chulalongkorn University

Thailand

Assoc. Prof. Dr. Vorrapon Chaikerasitak

Mechanism of Pre-killing (MOK): Antimicrobial  
Discovery Through Bacteriophage-Induced  
Morphological Changes and Genomics



Dr. Pattana Jaroenlak

Unraveling the Infection Mechanism of  
Shrimp Microsporidian Parasite  
*Ecytonucleospora hepatopenaei* (EHP)



### Nara Institute of Science and Technology

Japan

Prof. Dr. Naoyuki Inagaki

Mechanical Regulation of  
Neural Network Formation  
and Cancer Invasion



Prof. Dr. Akira Kurisaki

Differentiation of Stomach  
Tissue Cells From Stem Cells  
and Their Mechanisms



### Temasek Life Sciences Laboratory

Singapore

Dr. Henning Seedorf

Gut Check: Investigating Antibiotic Resistance  
in the Singapore Human Microbiome



Dr. Mookkan Prabakaran

Exploring Novel Approaches: Toward a Broadly  
Protective Avian Influenza A Vaccine and  
Therapeutic Targets



### CU BMB Graduate Students

#### ▶ Oral presentations

Warumporn Yingsunthonwattana

*Litopenaeus vannamei* Heat Shock Protein 90  
(LvHSP90) Plays a Vital Role in Regulating  
Apoptosis During White Spot Syndrome Virus  
(WSSV) Infection



Wongsatorn Kittinimitmongkhol

Cloning and Characterization of Novel  
Glucosidases From *Leuconostoc citreum*  
ABK-1



Suttipong Tungwaravut

Role of Selective Autophagy Receptor p62 in  
White Spot Syndrome Virus Pathogenesis in  
White Shrimp *Penaeus vannamei*



Patcharin Wilasluck

Fibrinogen-Related Protein From *Penaeus  
monodon*, PmFREP Characterization



#### ▶ Poster Presentations

## Register



Open to graduates/undergraduates  
of Dept of Biochemistry

