

# 2024 NTHU-OU Hybrid Symposium on Biological and Medical Sciences

Date: Thursday, January 18, 2024  
Location: Nambu Hall, 2<sup>nd</sup> floor, Bldg.J,  
Graduate School of Science, OSAKA University

## Program in Japan Time (Taiwan Time)

- 10:00-10:05 (9:00-9:05) Opening Remarks: **Naotada Ishihara**, Professor, Department of Biological Sciences, OU
- 10:05-10:10 (9:05-9:10) Opening Remarks: **Tsung-Han Kuo**, Associate Professor, Institute of Systems Neuroscience, NTHU
- 10:10-10:40 (9:10-9:40) **Asako Shindo (Professor)**, OU "Environmental control of organ morphogenesis during development"
- 10:40-11:10 (9:40-10:10) **I-Ching Wang (Associate Professor)**, NTHU "Transcription Factor Foxm1 in Lung Cancer Development: Lessons from Genetically Engineered Mouse Models (GEMMs)"

## Break (10 min)

- 11:20-11:40 (10:20-10:40) **Ran Xu (PhD student)**, OU "Transcriptional restart causes chromosomal rearrangements at centromeres"
- 11:40-12:00 (10:40-11:00) **Chang-Yi Chiu (PhD student)**, NTHU  
"CORNICHON 5 (CNIH5) as a cargo receptor for endoplasmic reticulum export of the PHOSPHATE TRANSPORTER1 (PHT1) family in Arabidopsis"
- 12:00-12:20 (11:00-11:20) **Takamasa Higashi (PhD student)**, OU "Identification of initial cue that leads to the left-right asymmetric morphogenesis of the embryonic midgut using a novel image-standardizing technique in *Drosophila*"
- 12:20-12:40 (11:20-11:40) **Yao-De Huang (Master student)**, NTHU "Clarifying the role of vascular iron transporter in mitochondria and cell fitness"

## Lunch 12:40-13:30 (11:40-12:30)

- 13:30-13:50 (12:30-12:50) **Shin-Huey Lin (PhD student)**, NTHU "Foxm1 regulates the polarization of macrophages in mediating kidney fibrosis"
- 13:50-14:10 (12:50-13:10) **Akane Imada (Master student)**, OU "Regulation of mutation rate and copy number of mitochondrial DNA in mammalian cells"
- 14:10-14:30 (13:10-13:30) **Chen-Wei Hsu (Master student)**, NTHU "Downregulation of outsiders promotes lifespan and healthspan in *Drosophila*"

## Break (10 min)

- 14:40-15:00 (13:40-14:00) **Ayami Takauchi (Master student)**, OU  
"A gut ceramidase activity determines the species- and strain-specific aging speed"
- 15:00-15:20 (14:00-14:20) **Yuan-Shao Pao (PhD student)**, NTHU  
"KIF2C, a Novel Therapeutic Target to Overcome Paclitaxel Resistance"
- 15:20-15:40 (14:20-14:40) **Naoki Hisayama (PhD student)**, OU "Taxes of dicyemids: Life in renal organ and dispersing into the sea"

## Break (10 min)

- 15:50-16:20 (14:50-15:20) **Yumiko Kubota (Associate Professor)**, OU  
"TopBP1 regulates the distribution of DNA replication origins by both activating and inhibiting DNA replication initiation"
- 16:20-16:50 (15:20-15:50) **Tsung-Han Kuo (Associate Professor)**, NTHU  
"Naughty or Nice: hidden prosocial behaviors underlying aggression motivation"
- 16:50-17:20 (15:50-16:20) Ceremony of Awarding Best Presentations
- 17:20-17:30 (16:20-16:30) Closing Remarks: **Takahide Kon**,  
Professor and Director, Department of Biological Sciences, OU
- 17:30-17:40 (16:30-16:40) Closing Remarks: **Linyi Chen**,  
Professor and Associate Dean, College of Life Science, NTHU

