

**2022 NTHU-OU Virtual Symposium on Biological and Medical Sciences**  
**January 19, 2022**

**Program in Japan Time** (Taiwan Time)

- 10:00-10:05 (9:00-9:05) Opening Remarks: **Kenji Matsuno**, Professor,  
Department of Biological Sciences, OU
- 10:05-10:10 (9:05-9:10) Opening Remarks: **Ruey Ho Kao**, Professor and  
Dean, College of Life Science, NTHU
- 10:10-10:40 (9:10-9:40) **Tatsuo Kakimoto (Professor)**, OU  
Patterning root tissues in *Arabidopsis thaliana*
- 10:40-11:00 (9:40-10:00) **Chang-Yi Chiu (PhD student)**, NTHU  
Physiological role of the *Arabidopsis* CNIH5 in nutrient homeostasis
- 11:00-11:30 (10:00-10:30) **Tzu-Kang Sang (Professor)**, NTHU  
VCP ATPase safeguards genome and the nuclear structure: a sizable problem
- Break
- 11:40-12:00 (10:40-11:00) **Kohei Watanebe (PhD student)**, OU  
The optic lobe-pars intercerebralis axis is involved in circa'bi'dian rhythm of the  
large black chafer *Holotrichia parallela*
- 12:00-12:20 (11:00-11:20) **Christopher Llynard D. Ortiz (PhD student)**, NTHU  
Ribosome in rolled state modulates-1 Programmed Ribosomal Frameshifting (-1  
PRF)
- 12:20-12:40 (11:20-11:40) **Shunsuke Chuma (PhD student)**, OU  
Elucidation of neural differentiation using intracellular temperature Imaging
- Lunch 12:40-14:00 (11:40-13:00)  
Drinks are exchanged between NTHU and OU
- 14:00-14:20 (13:00-13:20) **Min-Zong Liang (PhD student)**, NTHU  
Investigate the role and the regulation of PGAM5 during neuronal regeneration

- 14:20-14:40 (13:20-13:40)            **Zi Wang (Master student), OU**  
A dynamic molecular regulatory network to determine hippocampal cell fate during embryogenesis
- 14:40-15:00 (13:40-14:00)            **Ming-Yang Li (PhD student), NTHU**  
Mechanistic study of the role of calcium signaling between ER and mitochondria by *Srv2/CAP2* knockout mammalian cells
- Break
- 15:10-15:30 (14:10-14:30)            **Asuka Yamaguchi (Master student), OU**  
Identification of protein motifs in MyosinIC and MyosinID responsible for left-right asymmetry of the hindgut in *Drosophila*
- 15:30-15:50 (14:30-14:50)            **Grace Y. Liu (Undergraduate student), NTHU**  
A rapid and reversible tool to disassemble target microtubules
- 15:50-16:10 (14:50-15:10)            **Hiroaki Nakajima (PhD student), OU**  
Redescription and phylogenetic analysis of *Octopus alatus* (Sasaki, 1920)
- On Line Mixer 16:10-16:40 (15:10-15:40)  
Snacks and drinks are exchanged between NTHU and OU
- 16:40-17:10 (15:40-16:10)            **Takuro Nakagawa (Associate professor), OU**  
Heterochromatin suppresses gross chromosomal rearrangements at centromeres
- 17:10-17:40 (16:10-16:40)            **Yu-Hsin Chiu (Assistant professor), NTHU**  
A non-canonical pathway for sympathetic activation of ATP-releasing Pannexin1 channels
- 17:40-18:00 (16:40-17:00)            Ceremony of Awarding Best Presentations
- 18:00-18:05 (17:00-17:05)            Closing Remarks: **Tatsuo Kakimoto**, Professor and Director, Department of Biological Sciences, OU
- 18:05-18:10 (17:05-17:10)            Closing Remarks: **I-Ching Wang**, Associate Professor, The Institute of Biotechnology, NTHU

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<http://www.bio.sci.osaka-u.ac.jp/en/dbs01/re-paper-temp.php?id=67>