

2021
February
18th

9th Tokyo Tech International Symposium
on Life Science and Technology

Visualization and Engineering of Biomolecules



14:50 **Shinae Kizaka-Kondoh**
Dean, Prof, School of Life Science and Technology
Opening remarks

15:00 **Michael Gromiha**
Prof, Indian Institute of Technology Madras & WRHI
Integrating computational approaches and experimental data to understand the binding affinity of protein-protein complexes

15:40 **Tran Phuoc Duy**
Assist Prof, School of Life Science and Technology
When computer simulations meet machine learning: unveiling the dynamics of biomolecular complexes

16:00 **Ho Min Kim**
Chief Investigator, IBS Center for Biomolecular and Cellular Structure & WRHI
LRG1 functions as angioneurin in hyperglycemia by activating adhesion GPCR latrophilin-2

16:40 **Yuma Ito**
Assist Prof, School of Life Science and Technology
Visualizing and quantifying single-molecule dynamics in living cells

17:00 ——— **Break** ———

17:20 **Susan Gasser**
Group Leader, Friedrich Miescher Institute & WRHI
Heterochromatin in stress and development: maintenance and survival

18:00 **Yuko Sato**
Assist Prof, Institute of Innovative Research, School of Life Science and Technology
Chromatin modification dynamics as revealed by live-cell imaging

18:20 **Yoshiaki Masaki**
Assist Prof, School of Life Science and Technology
Structure-based design and development of chemical modifications for application of nucleic acids-based technologies

18:40 **Eriko Takano**
Prof, The University of Manchester & WRHI
Potentials of synthetic biology for fine and speciality chemical production

19:20 **Hiroshi Kimura**
Prof, Institute of Innovative Research, School of Life Science and Technology
Concluding remarks

School of Life Science and Technology,
Tokyo Tech World Research Hub Initiative (WRHI)
Tokyo Institute of Technology

bbis2021@bio.titech.ac.jp

