

2021  
February  
18<sup>th</sup>

9<sup>th</sup> 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

