

Pioneering Techniques and Applications in Biomedical Science and Engineering

- 13:10 Prof, Institute of Science Tokyo
Itsuki Ajioka
"Molecular Assembly-Based Therapies and Scaffolds in the Central Nervous System "
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- 13:40 Prof, Japan Advanced Institute of Science and Technology
Kenzo Fujimoto
"Development and application of photochemical ultra-fast DNA crosslinking "
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- 14:35 Student presentations, Institute of Science Tokyo
Toma Ikeda
"Seesaw protein: Design of a protein that adopts interconvertible alternative functional conformations "
- Kai Nishimura**
"Innovative Boron Delivery System for Tumor Targeting: Utilizing Non-Covalent Albumin Ligands for Enhanced Neutron Capture Therapy "
- Agnia Vibriani**
"Investigating skin photoaging by detecting dysregulations in circadian rhythms "
- Daiki Maejima**
"Design of intracellular antibody for live-cell imaging using AI tools "
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- 15:35 Assoc. Prof, University of Miyazaki
Kengo Inoue
"Microbial Fuel Cells: Fundamental and Applied Research on Extracellular Electron Transfer "
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- 16:30 Prof, Kobe University
Ryo Nitta
"Unraveling Medical and Biological Questions through Cryo-EM-Based Cross-Scale Measurements "
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- 17:00 Prof, Technical University of Denmark
Anne S. Meyer
"Enzymatic degradation of the polyester polyethylene terephthalate (PET): Enzyme kinetics and significance of PET crystallinity "

