

# **SPEED×Bottom-up Biotech×ELSI joint workshop** **– Biomolecular engineering and evolution–**

*Date and Time*

**July 3rd, 2023, 13:00 - 18:00**

*The hall opens at 12:30*

*Location*

**Mishima Hall in ELSI-1 (Ishikawadai Bldg. 7)  
Ookayama campus, Tokyo Institute of Technology**

*Invited Speakers:*

**Dr. Andrew Ellington (University of Texas, Austin)**

“Accelerating Protein Design and Engineering: Applications to Polymerization and Diagnostics”

**Dr. Moritoshi Sato (The University of Tokyo)**

“Manipulating biological processes by light”

**Dr. Kazuki Kato (The University of Tokyo)**

“CRISPR-Cas7-11 is a target RNA-guided RNase/Protease and its application to cell biology”

**Dr. Daishi Fujita (Kyoto University)**

“TBA”

**Dr. Ryo Mizuuchi (Waseda University)**

“RNA replication systems and evolution: for understanding the origins of life”

**Dr. Ryota Yamagami (Ehime University)**

“Prediction of in vivo tRNA Structure: Mutational Profiling and Its Applications”

**Dr. Shunsuke Kato (Osaka University)**

“Evolutionary engineering of artificial metalloenzymes for abiotic transformations”

**Dr. Hiroka Sugai (Tokyo Institute of Technology)**

“Characterization of cultured cells based on chemical tongues with amino acid or peptide derivatives”

Chair: Naohiro Terasaka, Tomoaki Matsuura (Tokyo-Tech, ELSI)

Hosted by: Transformative Research Area (SPEED, Bottom-up Biotech)  
Earth-Life Science Institute

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**Registration**



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