40th CeSPI Seminar
GTR Seminar

Date : Oct. 11th (Fri), 2024 13:30-15:00

Place : Lecture room(205) on 2nd floor, Pharmaceutical Sciences Building & Online(Zoom)

Lecturer : Koya Sakuma, Ph.D.

Graduate School of Informatics/Institute for Advanced Research, Nagoya University

"At the Forefront of Computational Protein Science: From Molecular Design to Gene Discovery and the Missing Links"

Recent advances in computational protein science, particularly through powerful deep learning-based approaches such as AlphaFold2, have brought unprecedented attention to structure-based bioinformatics. In this seminar, I will present our work in structural bioinformatics, covering a range of topics from rational protein design to gene discovery facilitated by structure prediction. Additionally, I will explore the "missing links" in the field, addressing the prevailing notion that we may no longer need to explore and develop novel methodologies.

A credit for "Specific Lecture for Advanced Pharmaceutical Sciences" is approved by attending this seminar.

For PDF files, please Click here to register

Contact:　Atsunori Oshima
Cellular and Structural Physiology Institute (CeSPI)
atsu@cespi.nagoya-u.ac.jp　052-747-6837

CeSPI
www.cespi.nagoya-u.ac.jp

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