Usage Report for Fiscal Year 2023

Project Title: Molecular dynamics simulations and structure modeling of biological macromolecules

Name:

Osamu Miyashita (1)

Laboratory at RIKEN:

(1) Center for Computational Science, Computational Structural Biology Research Team

1. If no job was executed, specify the reason.

Our primary goal for this project is to develop and apply integrative approaches that combine molecular dynamics simulations with experimental data to gain a deeper understanding of the structure and dynamics of protein molecules. During the fiscal year, we gained access to external HPC resources and prioritized their use instead of dedicated infrastructure.