



Thermo Fisher Scientific presents “Cryo-EM Workshop” for Young Scientists co-organized with Hokkaido University (30th Pharma Science Forum) and AMED-BINDS.

14th June 2024

Hokkaido University, Japan

Agenda

12:30-13:30 Luncheon Lecture

Dr. Matthias Wolf (Professor, OIST)

- High-resolution structural determination using Cryo-EM for pathogen

Eric F. Chen (Director, Thermo Fisher Scientific)

- High-resolution 3D imaging and analysis using Cryo-EM for protein and cell biology

14:00-17:30 Hands-on Workshop including Q&A

Krios G4 Cryo-TEM

- High-throughput Single Particle Analysis (SPA) data acquisition with EPU software by *Boyin Liu*

Glacios Cryo-TEM

- Tilt series data acquisition with Tomography software by *Hironori Suemune, So-Jung Kim*

Aquilos 2 Cryo-FIB-SEM

- Automated cryo-lamella preparation with AutoTEM Cryo software by *Eri Komatsu*

Amira software for LS

- Amira software platform for visualization, processing, and analysis of 3D and 4D data by *Shogo Kawai*

**Hands-on workshop will be setup by group session. Each group will experience 1 hour each instrument except Amira software



Aquilos 2 Cryo-FIB



Glacios Cryo-TEM



Krios G4 Cryo-TEM

▼ Registration Here

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**Cryo-EM workshop is also supported by the KSPS-PSSJ Joint Conference on Protein Science. Depending on the venue availability, there might be a limit to the number of participants. In this case, opportunities for participation will be given in the order of the registration.

Learn more at thermofisher.com/em

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