

JST Informational Webinar:

EMBO Scientific Exchange Grants (SEG)

June 3rd 16:00 – 17:00



JST Informational Webinar: EMBO Scientific Exchange Grants

Overview:

The European Molecular Biology Organization (EMBO) is an organization of more than 2,100 leading researchers that promotes excellence in the life sciences in Europe and beyond. In July 2023, Japan Science and Technology Agency (JST) and EMBO launched a partnership to foster connections between JST-funded researcher in life sciences and EMBO communities, and to allow JST-funded life scientists to participate in select EMBO activities.

One of these activities is EMBO's [Scientific Exchange Grants \(SEG\)](#) that supports research exchanges of up to three months between laboratories in eligible countries. The grants facilitate collaborations with research groups with expertise, techniques, or infrastructure that is unavailable in the applicant's laboratory. They cover travel and subsistence costs of the fellow.

This informational webinar will not only outline the application process for the SEG but will be joined by a recent SEG awardee who will share his experience, his motivation for applying, and how he has benefited from the SEG. The webinar will include opportunities for the audience to ask questions to the SEG awardee and the SEG programme head on the SEG experience and advice on applying for the grant. JST will also be available during the Q&A to answer any questions.

JST and EMBO encourage any researchers of projects funded by the eligible JST programs to join this webinar to learn about the Scientific Exchange Grant and the broader JST-EMBO collaboration as well.

The application of EMBO's Scientific Exchange Grants is accepted throughout the year, but for JST researchers, the visit must be completed by the end of March 2026.

Speakers:

Karin DUMSTREI, Head, EMBO Fellowship Programme, EMBO

Cheng-Han HO, Postdoctoral researcher, Institute for Quantitative Biosciences, The University of Tokyo

Yuta KAWASHIMA, Chief, Department of International Affairs, JST

Date and Time: 16:00 – 17:00, 3rd June 2025 (Online, Zoom)

Organizers: JST, EMBO

Expected participants: JST-funded life science researchers, especially for those who are/will be eligible for the Scientific Exchange Grants*

*Current PIs, Co-PIs and researchers registered in the project plan (研究参加者) of ASPIRE, FOREST(創発), PRESTO(さきがけ), ACT-X, ERATO and CREST

Language: English

Registration: Please register via the [online form](#) by 29 May, 2025.

16:00 - 16:05 JST-EMBO Cooperation Overview

Yuta KAWASHIMA, Chief, Department of International Affairs, JST

16:05 - 16:15 Overview of the Science Exchange Grants (SEG)

Karin DUMSTREI, Head, EMBO Fellowship Programme, EMBO

16:15 - 16:25 The SEG Experience: Motivation and the Benefits

Cheng-Han HO, Postdoctoral researcher, Institute for Quantitative Biosciences,
The University of Tokyo

16:25 - 17:00 Round Table & Q&A

SEG Application Tips and Insights: How to prepare and SEG use cases

*MC: Moana Sato, International Communications Coordinator,
Dept. of International Affairs, JST*



Speaker Bio:

Dr. Karin Dumstrei has been the Head of the EMBO Fellowship Programme since 2023. She received her PhD from the University of California, Los Angeles (UCLA) in 2002 and conducted postdoctoral research at the Max Planck Institute for Biophysical Chemistry in Germany. From 2005 to 2023, Dr. Dumstrei worked as a scientific editor at *The EMBO Journal*.



Speaker Bio:

Cheng-Han Ho is a postdoctoral researcher at the University of Tokyo, working under the mentorship of Prof. Hitoshi Kurumizaka. Originally from Taiwan, he has received his scientific training in Japan since his undergraduate years. He was recently awarded an EMBO Scientific Exchange Grant to conduct in cell cryo-electron tomography training in the Mahamid Group at EMBL Heidelberg, Germany. Under the mentorship of Prof. Kurumizaka and with guidance from Dr. Julia Mahamid, he aims to bridge his expertise in chromatin structural biology with cutting-edge in cell cryo-ET.