

# EMBL 2025

## Courses and Conferences

### JANUARY

27–31 Jan · EMBL Course  
Computing skills for reproducible research:  
software carpentry **HYBRID**

### FEBRUARY

4–7 Feb · EMBO Workshop  
*In situ* structural biology: expanding  
the toolbox for structural cell biology  
9–14 Feb · EMBO Practical Course  
*In situ* CLEM at room temperature  
and in cryo  
17–21 Feb · EMBL Course  
Advanced deep learning for image analysis  
17–21 Feb · EMBL-EBI Course  
Single-cell RNA-seq analysis with Python  
**VIRTUAL**  
23–28 Feb · EMBO Practical Course  
Extracellular vesicles: from biology to  
biomedical applications  
24–28 Feb · EMBL-EBI Course  
Introduction to RNA-seq and functional  
interpretation **VIRTUAL**

### MARCH

3–7 Mar · EMBL-EBI Course  
Introduction to multi-omics data  
integration and visualisation **HINXTON**  
9–14 Mar · EMBO Practical Course  
Quantitative proteomics: strategies  
and tools to probe biology  
11–14 Mar · EMBL Conference  
The expanding world of RBPs:  
from posttranscriptional control to  
riboregulation  
17–21 Mar · EMBL-EBI Course  
Gene-environment interactions in human  
health and disease **HINXTON**  
18–21 Mar · EMBO | EMBL Symposium  
Mechanisms of drug resistance and  
tolerance in bacteria, fungi, and cancer  
23–28 Mar · EMBO Practical Course  
Measuring translational dynamics by  
ribosome profiling  
31 Mar – 2 Apr · 5<sup>th</sup> EMBL Partnership  
Conference AI in one health  
31 Mar–4 Apr · EMBL-EBI Course  
Microscopy data analysis: machine learning  
and the BioImage Archive **VIRTUAL**

### APRIL

7–14 Apr · EMBO Practical Course  
Microbial metagenomics: a 360° approach  
8–11 Apr · EMBO | EMBL Symposium  
Wild frontiers of model organisms

### MAY

4–9 May · EMBL Course  
Analysis and integration of transcriptome  
and proteome data  
6–9 May · EMBO | EMBL Symposium  
Theory and concepts in biology  
12–16 May · EMBL-EBI Course  
Cancer genomics and transcriptomics  
**VIRTUAL**  
13–16 May · EMBL Conference  
Chromatin and epigenetics  
18–23 May · EMBL Course  
Advanced fluorescence imaging techniques  
20–22 May · EMBL Conference  
BioMalPar XXI: biology and pathology  
of the malaria parasite

20–23 May · EMBL-EBI Course  
Introduction to metabolomics analysis  
**HINXTON**  
26–28 May · EMBO | EMBL Symposium  
Infection: pathogens, hosts, and  
microbiomes

### JUNE

1–6 Jun · EMBL Course  
Whole transcriptome data analysis  
3–6 Jun · EMBL Conference  
25<sup>th</sup> international meeting of the  
European Light Microscopy Initiative  
10–13 Jun · EMBO | EMBL Symposium  
The ageing genome: from mechanisms  
to disease  
14–20 Jun · EMBO Practical Course  
Computational modelling of multicellular  
systems **BARCELONA**  
15–20 Jun · EMBO Practical Course  
Imaging-based spatial-omics  
16–17 Jun · EMBL Science and Society  
Conference In science we trust?  
16–20 Jun · EMBL-EBI Course  
Data science for life scientists **HINXTON**  
24–27 Jun · EMBO | EMBL Symposium  
New approaches and concepts  
in microbiology  
24–26 Jun · EMBL-EBI Course  
Data visualisation for biology **HINXTON**

### JULY

2–9 Jul · EMBL Course  
Transitions in developing systems:  
from theory to experiments  
7–11 Jul · EMBL-EBI Course  
Systems biology: from large datasets  
to biological insight **HINXTON**  
14–18 Jul · EMBL-EBI Course  
Proteomics bioinformatics **HINXTON**  
14–18 Jul · EMBL Course  
Fluorescence imaging beyond intensity  
15–18 Jul · EMBL Conference  
Gene regulation: one molecule at a time

### AUGUST

3–8 Aug · EMBO Practical Course  
*Drosophila* genetics and genomics  
31 Aug – 5 Sep · EMBO Practical Course  
FISHing for RNAs: classical to single  
molecule approaches

### SEPTEMBER

3–7 Sep · EMBL Conference  
Protein synthesis and translational  
control  
9–12 Sep · EMBO Workshop  
Developmental metabolism: flows of  
energy, matter, and information  
14–19 Sep · EMBO Practical Course  
Advanced methods in bioimage analysis  
**HYBRID**  
14–19 Sep · EMBO Practical Course  
Methods for infectious disease modelling  
using genomics **HINXTON**  
16–19 Sep · EMBO | EMBL Symposium  
The human microbiome  
29 Sep–2 Oct · EMBL Course  
NICE-RNA sequencing for multiomics  
on open chromatin and transcription

### OCTOBER

6–10 Oct · EMBL-EBI Course  
Metagenomics bioinformatics at MGnify  
**HINXTON**  
6–10 Oct & 17–21 Nov · EMBL Course  
Solution scattering from biological  
macromolecules **HAMBURG** **HYBRID**  
8–11 Oct · EMBO | EMBL Symposium  
Seeing is believing: imaging the  
molecular processes of life  
13–17 Oct · EMBL Course  
Liquid biopsies  
14–17 Oct · EMBL Conference  
Spatial biology: the melting pot  
22–25 Oct · EMBO | EMBL Symposium  
Organoids: modelling organ development  
and disease in 3D  
27–31 Oct · EMBL-EBI Course  
Structural bioinformatics **VIRTUAL**  
28–30 Oct · EMBO Workshop  
The epitranscriptome

### NOVEMBER

4–7 Nov · EMBO Workshop  
The mobile genome: genetic and  
physiological impacts of transposable  
elements  
10–14 Nov · EMBL Course  
Hands-on flow cytometry:  
learning by doing!  
11–14 Nov · EMBL Conference  
Cancer genomics  
17–21 Nov · EMBL-EBI Course  
Genome bioinformatics: from short-  
to long-read sequencing **HINXTON**  
18–21 Nov · EMBO | EMBL Symposium  
Cell biology of the nucleus  
23–28 Nov · EMBO Practical Course  
Volume electron microscopy  
by automated serial SEM  
25–27 Nov · EMBL Conference  
27<sup>th</sup> EMBL PhD Symposium

### DECEMBER

2–5 Dec · EMBO Workshop  
Computational structural biology  
7–12 Dec · EMBL Course  
Genome engineering: CRISPR/Cas  
in cells and mice  
8–10 Dec · EMBL-EBI Course  
Managing a bioinformatics core facility  
**HINXTON**

### OPEN-ACCESS BIOINFORMATICS TRAINING

#### WEBINARS

- Keep up to date with trends in bioinformatics
- Ask your questions live
- Recordings available on demand

[www.ebi.ac.uk/training/webinars](http://www.ebi.ac.uk/training/webinars)

#### ONLINE TUTORIALS

- Introducing concepts in bioinformatics
- Get started with EMBL-EBI's tools and resources
- Learn anywhere, anytime at your own pace

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#### EVENT LOCATIONS:

Unless indicated otherwise, all EMBL Conferences, EMBO Workshops, EMBO | EMBL Symposia, EMBL Courses, and EMBO Practical Courses take place at EMBL Heidelberg, Germany, with the option to attend virtually. EMBL-EBI Courses are held in Hinxton, UK.

#### DISCLAIMER:

The information on this poster is correct at time of publishing, but subject to changes and cancellations. Additional events will be added to the 2025 programme late in 2024

We would like to thank the members of the EMBL ATC Corporate Partnership Programme

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