

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 · 5th 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
BioMaIPar 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
25th 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:
concepts to methods
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
27th 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

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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.

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