

EMBL 2023

Courses and Conferences

JANUARY

24–27 Jan · EMBL Course
Computing skills for reproducible research: data carpentry

FEBRUARY

6–10 Feb · EMBL Course **VIRTUAL**
Single-cell RNA-seq analysis using Galaxy

8–11 Feb · EMBO Workshop
In situ structural biology: from cryo-EM to integrative modelling

12–17 Feb · EMBO Practical Course
In situ CLEM at room temperature and *in cryo*

20–24 Feb · EMBL Course
Introduction to RNA-seq and functional interpretation

26 Feb–3 Mar · EMBL Course
Analysis and integration of transcriptome and proteome data

MARCH

5–10 Mar · EMBO Practical Course
Techniques for mammary gland research

6–10 Mar · EMBL Course
Introduction to multiomics data integration and visualisation

8–11 Mar · EMBO | EMBL Symposium
The cellular mechanics of symbiosis

12–17 Mar · EMBO Practical Course
Extracellular vesicles: from biology to biomedical applications

21–23 & 30 Mar · EMBL Course **VIRTUAL**
Exploring human genetic variation

26 Mar–1 Apr · EMBO Practical Course
Measuring translational dynamics by ribosome profiling

27–31 Mar · EMBL Course
Introduction to metabolomics analysis

28–31 Mar · EMBO Workshop
Visualizing biological data (VIZBI 2023)

APRIL

17–24 Apr · EMBO Practical Course
Microbial metagenomics: a 360° approach

25–27 Apr & 4 May · EMBL Course **VIRTUAL**
Bioinformatics resources for protein biology

25–28 Apr · EMBO | EMBL Symposium
Brain genome: regulation, evolution, and function

MAY

7–12 May · EMBL Course
Advanced fluorescence imaging techniques

8–12 May · EMBL Course
Data visualisation for biology

9–12 May · EMBO | EMBL Symposium
The organism and its environment

15–18 May · EMBL Conference
Chromatin and epigenetics

16–18 May · EMBL Course
Practical biocuration

21–26 May · EMBL Course
Whole transcriptome data analysis

22–26 May · EMBL Course **VIRTUAL**
Microscopy data analysis: machine learning and the BioImage Archive

22–26 May · EMBL Course
Expansion microscopy

23–25 May · EMBL Conference
BioMalPar XIX: biology and pathology of the malaria parasite

JUNE

4–7 Jun · EMBO | EMBL Symposium
The ageing genome: from mechanisms to disease

5–9 Jun · EMBL Course
Deep learning for image analysis

11–16 Jun · EMBO Practical Course
Quantitative proteomics: strategies and tools to probe biology

12–15 Jun · EMBO | EMBL Symposium
Life at the periphery: mechanobiology of the cell surface

12–16 Jun · EMBL Course
Summer school in bioinformatics

18–23 Jun · EMBO Practical Course
Computational modelling of multicellular systems

19–20 Jun · EMBL Science and Society Conference
Terra incognita: navigating ethical boundaries in the life sciences

19–21 Jun · EMBL Course
Bioinformatics for principal investigators

19–21 Jun · EMBL Course
Managing a bioinformatics core facility

25–30 Jun · EMBO Practical Course
Imaging-based spatial-omics

27–30 Jun · EMBO | EMBL Symposium
New approaches and concepts in microbiology

JULY

3–7 Jul · EMBL Course
Proteomics bioinformatics

10–14 Jul · EMBL Course
Cancer genomics

10–14 Jul · EMBL Course
Fluorescence imaging beyond intensity

11–14 Jul · EMBO Workshop
Predicting evolution

16–21 Jul · EMBO Practical Course **HYBRID**
Drosophila genetics and genomics

18–21 Jul · EMBO | EMBL Symposium
Theory and concepts in biology

24 Jul–4 Aug · EMBO Practical Course
Plasticity in developing systems: time, space, and environment

SEPTEMBER

6–10 Sep · EMBL Conference
Protein synthesis and translational control

10–15 Sep · EMBO Practical Course **HYBRID**
Advanced methods in bioimage analysis

12–15 Sep · EMBO Workshop
Developmental metabolism: flows of energy, matter, and information

17–22 Sep · EMBL Course
Genome engineering: CRISPR/Cas from cells to mice

18–22 Sep · EMBL Course **VIRTUAL**
Single-cell RNA-seq analysis using Python

20–23 Sep · EMBO | EMBL Symposium
The human microbiome

OCTOBER

2–6 Oct · EMBL Course
Structural bioinformatics

4–7 Oct · EMBO | EMBL Symposium
Seeing is believing: imaging the molecular processes of life

9–14 Oct · EMBL Course
Liquid biopsies

11–14 Oct · EMBO | EMBL Symposium
The non-coding genome

18–21 Oct · EMBO | EMBL Symposium
Organoids: modelling organ development and disease in 3D culture

22–27 Oct · EMBO Practical Course **HYBRID**
FISHing for RNAs: classical to single molecule approaches

23–27 Oct · EMBL Course
Systems biology: from large datasets to biological insight

25–27 Oct · EMBL–Wellcome Connecting Science Conference
Proteomics in cell biology and disease mechanisms

30 Oct–3 Nov · EMBL Course
Metagenomics bioinformatics

NOVEMBER

6–10 Nov · EMBL Course
Preparation of genomic libraries for an emerging next-gen sequencing platform

6–10 Nov & 27 Nov–1 Dec · EMBL Course
Solution scattering from biological macromolecules

8–11 Nov · EMBO Workshop
The mobile genome: genetic and physiological impacts of transposable elements

13–17 Nov · EMBL Course
Hands-on flow cytometry: learning by doing!

15–17 Nov · EMBL Conference
Cancer genomics

20–22 Nov · EMBL Conference
25th EMBL PhD Symposium

20–24 Nov · EMBL Course
Genome bioinformatics: resequencing and variant calling

28 Nov–1 Dec · EMBO Workshop
Subcortical sensory circuits: visual, auditory, somatosensory, and beyond

DECEMBER

4–8 Dec · EMBL Course
Fundamentals of widefield and confocal microscopy and imaging

6–9 Dec · EMBO Workshop
Computational structural biology

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CONFERENCES are held at the EMBL Advanced Training Centre Heidelberg, Germany, with the option to attend virtually

COURSE LOCATIONS:
Barcelona | Hamburg | Heidelberg | Hinxton | Rome

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