

EMBL 2022 PREVIEW

Courses and Conferences

JANUARY

- 17–21 Jan · EMBL Course **VIRTUAL**
Deep Learning for Image Analysis
- 26–27 January · EMBL Conference **VIRTUAL**
The Next Generation in Infection Biology
- 31 Jan–4 Feb · EMBL Course **VIRTUAL**
Exploratory Analysis of Biological Data:
Data Carpentry

FEBRUARY

- 9–11 Feb · EMBO Workshop
The Epitranscriptome
- 21–25 Feb · EMBL Course **VIRTUAL**
Introduction to RNA-Seq and
Functional Interpretation
- 22–25 Feb · EMBO Practical Course
Integrative Analysis of Multi-Omics Data

MARCH

- 6–11 Mar · EMBL Course
Analysis and Integration of Transcriptome
and Proteome Data
- 7–9 Mar · EMBO | EMBL Symposium
Biological Oscillators:
Design, Mechanism, Function
- 7–11 Mar · EMBL Course **VIRTUAL**
Single-Cell RNA-Seq Analysis Using Galaxy
- 13–16 Mar · EMBL Conference
From 3D Light to 3D Electron Microscopy
- 13–18 Mar · EMBO Practical Course
Extracellular Vesicles:
From Biology to Biomedical Applications
- 20–23 Mar · EMBO | EMBL Symposium
Inter-Organ Communication
in Physiology and Disease
- 21–25 Mar · EMBL Course **VIRTUAL**
Introduction to Multiomics Data Integration
and Visualisation

APRIL

- 4–8 Apr · EMBL Course
Data Visualisation for Biology
- 4–8 Apr · EMBL Course
Gene Expression at Single-Cell Resolution
- 6–9 Apr · EMBO | EMBL Symposium
Microbial Infections and Human Cancer
- 11, 12, 19 Apr · EMBL Course **VIRTUAL**
Bioinformatics Resources for Protein Biology
- 23–29 Apr · EMBO Practical Course
Methods for Analysis of circRNAs:
From Discovery to Function
- 27–28 Apr · EIROforum Conference
Grand Challenges in AI and Data Science

MAY

- 2–6 May · EMBL Course
Hands-on Flow Cytometry –
Learning by Doing!
- 9–12 May · EMBO | EMBL Symposium
Cellular Mechanisms Driven by
Liquid Phase Separation
- 9–11 May · EMBO Workshop (Barcelona)
Building Networks:
Engineering in Vascular Biology

- 9–13 May · EMBL Course
Attacking Open Chromatin
with ATAC Sequencing
- 9–13 May · EMBL Course
Microscopy Data Analysis:
Machine Learning and the BioImage Archive
- 15–18 May · EMBO | EMBL Symposium
Mechanobiology in Development
and Disease
- 17, 18, 24 May · EMBL Course **VIRTUAL**
Exploring Genetic Variation
- 23–25 May · EMBL Conference
BioMalPar XVIII: Biology and Pathology
of the Malaria Parasite
- 29 May–3 Jun · EMBL Course
Whole Transcriptome Data Analysis

JUNE

- 8–10 Jun · EMBL Course
Bioinformatics for Principal Investigators
- 8–10 Jun · EMBL Course
Managing a Bioinformatics Core Facility
- 8–11 Jun · EMBO | EMBL Symposium
Microtubules:
From Atoms to Complex Systems
- 12–17 Jun · EMBO Practical Course
Humanized Mice,
Personalized Therapies and Big Data
- 13–17 Jun · EMBL Course
Summer School in Bioinformatics
- 19–22 Jun · EMBO | EMBL Symposium
Defining and Defeating Metastasis
- 20–24 Jun · EMBL Course
Cancer Genomics
- 29 Jun–1 Jul · EMBO Workshop (Barcelona)
Timing Mechanisms Linking
Development and Evolution

JULY

- 4–8 Jul · EMBL Course
Systems Biology:
From Large Datasets to Biological Insight
- 11–13 Jul · EMBL Conference
Microfluidics 2022: Designing
the Next Wave of Biological Inquiry
- 11–15 Jul · EMBL Course
Bioinformatics for T-Cell Immunology
- 17–20 Jul · EMBO | EMBL Symposium
Innate Immunity in
Host-Pathogen Interactions
- 18–22 Jul · EMBL Course
Proteomics Bioinformatics

AUGUST

- 27–30 Aug · EMBL Conference
Transcription and Chromatin

SEPTEMBER

- 4–13 Sep · EMBO Practical Course
Current Methods in Cell Biology
- 5–8 Sep · EMBO Workshop
Chemical Biology 2022
- 11–18 Sep · EMBO Practical Course
Synthetic Biology in Action:
Beyond Standard Metabolism

- 12–16 Sep · EMBL Course
Mathematics of Life:
Modelling Molecular Mechanisms
- 13–16 Sep · EMBO | EMBL Symposium
Reconstructing the Human Past –
Using Ancient and Modern Genomics
- 26–30 Sep · EMBL Course
Bioinformatics and Functional
Genomics in Zebrafish

OCTOBER

- 3–7 Oct · EMBL Course
Single-Cell RNA-Seq Analysis Using R
- 12–15 Oct · EMBO | EMBL Symposium
The Complex Life of RNA
- 16–21 Oct · EMBO Practical Course
(Heidelberg | Bangalore)
Metabolite and Species Dynamics in
Microbial Communities
- 17–21 Oct · EMBL Course
Structural Bioinformatics
- 19–22 Oct · EMBL Conference
Molecular Mechanisms in
Evolution and Ecology
- 26–29 Oct · EMBO | EMBL Symposium
Plasticity Across Scales:
From Molecules to Phenotypes
- 30 Oct–4 Nov · EMBO Practical Course
The Fundamentals of High-End Cell Sorting
- 31 Oct–4 Nov · EMBL Course **VIRTUAL**
Metagenomics Bioinformatics

NOVEMBER

- 7–10 Nov · EMBO | EMBL Symposium
The Neurovascular Interface
- 14–18 Nov · EMBL Course
Genome Bioinformatics:
Resequencing and Variant Calling
- 15–18 Nov · EMBL Conference
From Functional Genomics to
Systems Biology
- 23–24 Nov · EMBL Science and
Society Conference
Terra Incognita: Navigating Ethical
Boundaries in the Life Sciences

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CONFERENCES are held at the
EMBL Advanced Training Centre
Heidelberg, Germany
(unless indicated otherwise)

COURSE LOCATIONS:
Grenoble | Hamburg | Heidelberg | Hinxton

DISCLAIMER:
Registration is open as usual for many events,
with back-up plans in place to move further
courses and conferences online as necessary.
Subject to changes and cancellations.

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