

EMBL 2020/2021

Courses and Conferences

AUGUST 2020

17–28 Aug · EMBO Practical Course **VIRTUAL**
Cryo-Electron Microscopy and
3D Image Processing

27–29 Aug · EMBL Conference **VIRTUAL**
Transcription and Chromatin

SEPTEMBER 2020

1–4 Sep · EMBL Course **VIRTUAL**
Gene Expression at Spatial Resolution

3–5 Sep · EMBO Workshop **VIRTUAL**
Chemical Biology 2020

11–18 Sep · EMBL Course **VIRTUAL**
Liquid Biopsies

14–16 Sep · EMBO | EMBL Symposium **VIRTUAL**
The Molecular Basis and Evolution of
Sexual Dimorphism

28 Sep–2 Oct · EMBL Course **VIRTUAL**
Genome Engineering:
CRISPR/Cas from Cells to Mice

28 Sep–2 Oct · EMBL Course **VIRTUAL**
Mathematics of Life:
Modelling Molecular Mechanisms

30 Sep–2 Oct · EMBL Conference **VIRTUAL**
Molecular Mechanisms in Evolution
and Ecology

OCTOBER 2020

7–10 Oct · EMBO | EMBL Symposium **VIRTUAL**
The Complex Life of RNA

13–15 Oct · EMBO | EMBL | HHMI Conference
VIRTUAL
Gender Roles and their Impact in Academia

19–23 Oct · EMBL Course **VIRTUAL**
Computing Skills For Reproducible Research:
Software Carpentry

21–24 Oct · EMBO | EMBL Symposium **VIRTUAL**
Organoids: Modelling Organ Development
and Disease in 3D Culture

28–30 Oct · EMBO Workshop **VIRTUAL**
Neuroepigenetics:
From Cells to Behaviour and Disease

NOVEMBER 2020

2–6 Nov · EMBL Course **VIRTUAL**
Metagenomics Bioinformatics

4–5 Nov · 21st EMBL Science and Society
Conference **VIRTUAL**
Our House is Burning: Scientific and
Societal Responses to Mass Extinction

15–18 Nov · EMBL Conference **VIRTUAL**
From Functional Genomics to
Systems Biology

23–27 Nov · EMBL Course **VIRTUAL**
Structural Bioinformatics

26–28 Nov · 22nd EMBL PhD Symposium
VIRTUAL
The Roaring 20s:
A New Decade for Life Sciences

DECEMBER 2020

6–8 Dec · EMBO Workshop **VIRTUAL**
In situ Structural Biology:
From Cryo-EM to Integrative Modelling

JANUARY 2021

11–15 Jan · EMBO Practical Course **VIRTUAL**
Drosophila Genetics and Genomics

18–22 Jan · EMBL Course
Deep Learning for Image Analysis

26–28 Jan · EMBL Course
Exploratory Analysis of Biological Data:
Data Carpentry

31 Jan–5 Feb · EMBL Course
Analysis and Integration of Transcriptome
and Proteome Data

FEBRUARY 2021

1–5 Feb · EMBL Course
Single-Cell RNA-Seq Analysis using R

8–12 Feb · EMBL Course
Immune Profiling of Single Cells

15–19 Feb · EMBL Course
Next Generation Sequencing Bioinformatics

22–26 Feb · EMBL Course
Introduction to Multiomics Data Integration
and Visualisation

MARCH 2021

1–5 Mar · EMBL Course
Data Visualisation for Biology: A Practical
Workshop on Design, Techniques and Tools

1–5 Mar · EMBL Course
Attacking Open Chromatin with
ATAC Sequencing

2–5 Mar · EMBO | EMBL Symposium
Life at the Periphery:
Mechanobiology of the Cell Surface

10–13 Mar · EMBO | EMBL Symposium
Friend or Foe: Transcription and RNA Meet
DNA Replication and Repair

15–19 Mar · EMBL Course
Introduction to RNA-Seq and
Functional Interpretation

17–20 Mar · EMBO | EMBL Symposium
Synthetic Morphogenesis:
From Gene Circuits to Tissue Architecture

22–26 Mar · EMBL Course
Introduction to Metabolomics Analysis

24–26 Mar · EMBL Conference **VIRTUAL**
Visualizing Biological Data (VIZBI 2021)

APRIL 2021

12–19 Apr · EMBO Practical Course
Microbial Metagenomics: A 360° Approach

21–23 Apr · EMBL-Wellcome Genome
Campus Conference
Proteomics in Cell Biology and
Disease Mechanisms

25–30 Apr · EMBO Practical Course
Molecular Geobiology

26–30 Apr · EMBL Course
Single-Cell RNA-Seq Analysis into
Interpretation

28–30 Apr · EMBO Workshop
The Epitranscriptome

MAY 2021

4–7 May · EMBO Practical Course
Integrative Analysis of Multi-Omics Data

5–8 May · EMBO | EMBL Symposium
The Identity and Evolution Of Cell Types

9–15 May · EMBO Practical Course
Measuring Translational Dynamics by
Ribosome Profiling

17–20 May · EMBL Conference
Chromatin and Epigenetics

17–21 May · EMBL Course
Hands-on Flow Cytometry –
Learning by Doing!

25–27 May · EMBL Conference
BioMalPar XVII: Biology and Pathology
of the Malaria Parasite

29 May–5 Jun · EMBO Practical Course
Characterization of Macromolecular
Complexes by Integrative Structural Biology

31 May–4 Jun · EMBL Course
Whole Transcriptome Data Analysis

31 May–4 Jun · EMBL Course
Fundamentals of Widefield and
Confocal Microscopy and Imaging

JUNE 2021

6–11 Jun · EMBL Course
Advanced Fluorescence Imaging Techniques

7–9 Jun · EMBO | EMBL Symposium
Plasticity Across Scales:
From Molecules to Phenotypes

13–18 Jun · EMBO Practical Course
Humanized Mice, Personalized Therapies
and Big Data

13–16 Jun · EMBO Workshop
Predicting Evolution

15–17 Jun · EMBL Course
Bioinformatics for Principal Investigators

15–17 Jun · EMBL Course
Managing a Bioinformatics Core Facility

21–25 Jun · EMBL Course
Summer School in Bioinformatics

26 Jun–2 Jul · EMBO Practical Course
Advanced Methods in Bioimage Analysis

27 Jun–2 Jul · EMBO Practical Course
Quantitative Proteomics:
Strategies and Tools to Probe Biology

28 Jun–2 Jul · EMBL Course
Bioinformatics for Immunologists

28 Jun–2 Jul · EMBL Course
Systems Biology:
From Large Datasets to Biological Insight

JULY 2021

5–10 Jul · EMBL Course
Super-Resolution Microscopy

6–9 Jul · EMBL Course
Metagenomics Bioinformatics

6–9 Jul · EMBO | EMBL Symposium
New Approaches and Concepts
in Microbiology

11–16 Jul · EMBL Course
Proteomics Bioinformatics

19–23 Jul · EMBL Course
Cancer Genomics

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

FOUNDER PARTNERS:
Leica Microsystems, Olympus

CORPORATE PARTNERS:
10x Genomics, BD, Bio-Rad,
Boehringer Ingelheim, Eppendorf, GSK,
Miltenyi Biotec, NetApp, Stilla Technologies,
Thermo Fisher Scientific

ASSOCIATE PARTNERS:
Merck, New England Biolabs, Nikon,
Promega, Roche, Sanofi, Sartorius

DISCLAIMER:
Please note that the programme is subject
to change. Back-up plans are in place to
move more events online as necessary.

Follow us to stay up to date!

   @emblevents

www.embl.org/events



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

COURSE LOCATIONS:
Grenoble | Heidelberg | Hamburg | Hinxton

TRAIN ONLINE!

- free online courses and webinars
- created by our tools and resource experts
- learn at your own pace

www.embl.ac.uk/training/online
www.embl.ac.uk/training/webinars