EMBL 2020/2021
Courses and Conferences

AUGUST 2020
17 – 28 Aug · EMBL 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 · EMBL Workshop VIRTUAL
Chemical Biology 2020
11 – 18 Sep · EMBL Course VIRTUAL
Liquid Biopsies
14 – 16 Sep · EMBL | 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 · EMBL | EMBL Symposium VIRTUAL
The Complex Life of RNA
13 – 15 Oct · EMBL | 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 · EMBL | EMBL Symposium VIRTUAL
Organoids: Modelling Organ Development and Disease in 3D Culture
28 – 30 Oct · EMBL Workshop VIRTUAL
Neuropathogenic Viruses: 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 · EMBL Workshop VIRTUAL
In situ Structural Biology: From Cryo-EM to Integrative Modelling

JANUARY 2021
11 – 15 Jan · EMBL Practical Course VIRTUAL
Drosophila Genetics and Genomics
18 – 22 Jan · EMBL Course VIRTUAL
Deep Learning for Image Analysis
26 – 28 Jan · EMBL Course VIRTUAL
Exploratory Analysis of Biological Data: Data Carpentry
31 Jan – 5 Feb · EMBL Course VIRTUAL
Analysis and Integration of Transcriptome and Proteome Data

FEBRUARY 2021
1 – 5 Feb · EMBL Course VIRTUAL
Single-Cell RNA-Seq Analysis using R
8 – 14 Feb · EMBL Course VIRTUAL
Immune Profiling of Single Cells
15 – 19 Feb · EMBL Course VIRTUAL
Next Generation Sequencing Bioinformatics
22 – 26 Feb · EMBL Course VIRTUAL
Introduction to Multimodomics Data Integration and Visualisation

MARCH 2021
1 – 5 Mar · EMBL Course VIRTUAL
Data Visualisation for Biology: A Practical Workshop on Design, Techniques and Tools
1 – 5 Mar · EMBL Course VIRTUAL
Attacking Open Chromatin with ATAC Sequencing
2 – 5 Mar · EMBL | EMBL Symposium VIRTUAL
Life at the Periphery: Mechanobiology of the Cell Surface
10 – 13 Mar · EMBL | EMBL Symposium VIRTUAL
Friend or Foe: Transcription and RNA Meet DNA Replication and Repair
15 – 19 Mar · EMBL Course VIRTUAL
Introduction to RNA-Seq and Functional Interpretation
17 – 20 Mar · EMBL | EMBL Symposium VIRTUAL
Synthetic Morphogenesis: From Gene Circuits to Tissue Architecture
22 – 26 Mar · EMBL Course VIRTUAL
Introduction to Metabolomics Analysis
24 – 26 Mar · EMBL Conference VIRTUAL
Visualizing Biological Data (VIZBI 2021)

APRIL 2021
12 – 19 Apr · EMBL Practical Course VIRTUAL
Microbial Metagenomics: A 360° Approach
21 – 23 Apr · EMBL-Wellcome Genome Cancer Conference VIRTUAL
Proteomics in Cell Biology and Disease Mechanisms
25 – 30 Apr · EMBL Practical Course VIRTUAL
Molecular Geobiology
26 – 30 Apr · EMBL Course VIRTUAL
Single-Cell RNA-Seq Analysis into Interpretation
28 – 30 Apr · EMBL Workshop VIRTUAL
The Epitranscriptome

MAY 2021
4 – 7 May · EMBL Practical Course VIRTUAL
Integrative Analysis of Multi-Omics Data
5 – 8 May · EMBL Symposium VIRTUAL
The Identity and Evolution Of Cell Types
9 – 15 May · EMBL Practical Course VIRTUAL
Measuring Translational Dynamics by Ribosome Profiling
17 – 20 May · EMBL Conference VIRTUAL
Chromatin and Epigenetics
17 – 21 May · EMBL Course VIRTUAL
Hands-on Flow Cytometry – Learning by Doing!
25 – 27 May · EMBL Conference VIRTUAL
BioMalPar XVII: Biology and Pathology of the Malaria Parasite
29 May – 5 Jun · EMBL Practical Course VIRTUAL
Characterization of Macromolecular Complexes by Integrative Structural Biology
31 May – 4 Jun · EMBL Course VIRTUAL
Whole Transcriptome Data Analysis
31 May – 4 Jun · EMBL Course VIRTUAL
Fundamentals of Widefield and Confocal Microscopy and Imaging

JUNE 2021
6 – 11 Jun · EMBL Course VIRTUAL
Advanced Fluorescence Imaging Techniques
7 – 9 Jun · EMBL Symposium VIRTUAL
Plasticity Across Scales: From Molecules to Phenotypes
13 – 18 Jun · EMBL Practical Course VIRTUAL
Humanized Mice, Personalized Therapies and Big Data
13 – 16 Jun · EMBL Workshop VIRTUAL
Predicting Evolution
15 – 17 Jun · EMBL Course VIRTUAL
Bioinformatics for Principal Investigators
19 – 17 Jun · EMBL Course VIRTUAL
Managing a Bioinformatics Core Facility
21 – 25 Jun · EMBL Course VIRTUAL
Summer School in Bioinformatics
26 Jun – 2 Jul · EMBL Practical Course VIRTUAL
Advanced Methods in Bioimage Analysis
27 Jun – 2 Jul · EMBL Practical Course VIRTUAL
Quantitative Proteomics: Strategies and Tools to Probe Biology
28 Jun – 2 Jul · EMBL Course VIRTUAL
Bioinformatics for Immunologists
28 Jun – 2 Jul · EMBL Course VIRTUAL
Systems Biology: From Large Datasets to Biological Insight

JULY 2021
5 – 10 Jul · EMBL Course VIRTUAL
Super-Resolution Microscopy
6 – 9 Jul · EMBL Course VIRTUAL
Metagenomics Bioinformatics
6 – 9 Jul · EMBL | EMBL Symposium VIRTUAL
New Approaches and Concepts in Microbiology
11 – 16 Jul · EMBL Course VIRTUAL
Proteomics Bioinformatics
19 – 23 Jul · EMBL Course VIRTUAL
Cancer Genomics

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

TRAIN ONLINE!
• free online courses and webinars
• created by our tutors and resource experts
• learn at your own pace

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

EMBL Advanced Training Centre Heidelberg, Grenoble | Heidelberg | Hamburg | Hinxton

COURSE LOCATIONS:
Grenoble | Heidelberg | Hamburg | Hinxton