# EMBL 2020 Courses and Conferences

## January
- **20 – 23 Jan** | EMBL Course
  - Introduction to RNA-Seq and Functional Interpretation
- **20 – 24 Jan** | EMBL Course
  - Deep Learning for Image Analysis
- **28 – 30 Jan** | EMBL Course
  - Exploratory Analysis of Biological Data: Data Carpentry

## February
- **2 – 7 Feb** | EMBL Course
  - Analysis and Integration of Transcriptome and Proteome Data
- **4 – 5 Feb** | EMBL Course
  - Bioinformatics for Discovery
- **5 – 7 Feb** | EMBL Conference
  - Expanding the Druggable Proteome with Chemical Biology
- **10 – 13 Feb** | EMBL Course
  - Immune Profiling of Single Cells
- **11 – 13 Feb** | EMBL Course
  - Bioinformatics Resources for Protein Biology
- **17 – 21 Feb** | EMBL Course
  - CABANA: Understanding Biodiversity Through Bioinformatics Based Approaches

## March
- **1 – 4 Mar** | EMBL | EMBO Symposium
  - The Organism and its Environment
- **1 – 6 Mar** | EMBL Course
  - Introduction to Multimomics Data Integration
- **8 – 11 Mar** | EMBL Conference
  - Advances in Stem Cells and Regenerative Medicine
- **9 – 12 Mar** | EMBL Course
  - Circulating Tumour DNA in Clinical Applications
- **11 – 12 Mar** | EMBL Conference
  - Exploring Human Genetic Variation
- **15 – 18 Mar** | EMBL | EMBO Symposium
  - Inter-Organ Communication in Physiology and Disease
- **15 – 20 Mar** | EMBL Practical Course
  - FISHing for RNAs: Classical to Single Molecule Approaches
- **16 – 20 Mar** | EMBL Course
  - Data Visualisation for Biology: A Practical Workshop on Design, Techniques and Tools
- **29 Mar – 1 Apr** | EMBL | EMBO Symposium
  - The Four-Dimensional Genome
- **30 Mar – 2 Apr** | EMBL Course
  - Introduction to Metabolomics Analysis
- **30 Mar – 3 Apr** | EMBL Course
  - Target Engagement in Biology and Drug Discovery

## April
- **20 – 22 Apr** | EMBL Conference - Hinxton
  - 2nd European Network Biology Conference: From Networks to Modelling
- **20 – 24 Apr** | EMBL Course
  - RNA-Sequence Analysis
- **20 – 27 Apr** | EMBL Practical Course
  - Microbial Metagenomics: A 360° Approach
- **22 – 24 Apr** | EMBL Workshop
  - The Epitranscriptome
- **23 – 24 Apr** | EMBL Course
  - Networks and Pathways

## May
- **3 – 9 May** | EMBL Practical Course
  - Measuring Translational Dynamics by Ribosome Profiling
- **6 – 9 May** | EMBL Workshop
  - Microglia 2020
- **11 – 13 May** | EMBL Course
  - Managing Single-Cell Transcriptomics Data
- **12 – 14 May** | EMBL | EMBO Symposium
  - Cellular Mechanisms Driven by Liquid Phase Separation
- **11 – 15 May** | EMBL Course
  - Fundamentals in Widerfield and Confocal Microscopy and Imaging
- **18 – 20 May** | EMBL Conference
  - BioMalPar XVI: Biology and Pathology of the Malaria Parasite
- **24 – 29 May** | EMBL Course
  - Advanced Fluorescence Imaging Techniques
- **25 – 29 May** | EMBL Course
  - Hands-on Flow Cytometry – Learning by Doing!

## June
- **3 – 6 Jun** | EMBL | EMBO Symposium
  - Microtubules: From Atoms to Complex Systems
- **8 – 10 Jun** | EMBL Course
  - Design Thinking: Approaches for Chronic Disease Management
- **8 – 12 Jun** | EMBL Course
  - Whole Transcriptome Data Analysis
- **16 – 26 Jun** | EMBL Practical Course
  - Advanced Electron Microscopy for Cell Biology
- **17 – 19 Jun** | EMBL Course
  - Bioinformatics for Principal Investigators
- **17 – 19 Jun** | EMBL Course
  - Managing a Bioinformatics Core Facility
- **21 – 26 Jun** | EMBL Course
  - Quantitative Proteomics: Strategies and Tools to Probe Biology
- **22 – 26 Jun** | EMBL Course
  - Summer School in Bioinformatics
- **26 Jun – 1 Jul** | EMBL | EMBO Symposium
  - Innate Immunity in Host-Pathogen Interactions
- **28 Jun – 3 Jul** | EMBL Course
  - Drosophila Genetics and Genomics
- **29 Jun – 3 Jul** | EMBL Course
  - Cancer Genomics

## July
- **6 – 10 Jul** | EMBL Course
  - Systems Biology: From Large Datasets to Biological Insight
- **12 – 14 Jul** | EMBL Conference
  - Microfluidics 2020
- **13 – 17 Jul** | EMBL Course
  - Metagenomics Bioinformatics
- **19 – 22 Jul** | EMBL | EMBO Symposium
  - Defining and Defeating Metastasis
- **19 – 24 Jul** | EMBL Practical Course
  - Molecular Geobiology
- **19 – 24 Jul** | EMBL Course
  - Proteomics Bioinformatics

## August
- **23 – 31 Aug** | EMBL Course
  - Cryo-Electron Microscopy and 3D Image Processing
- **29 Aug – 1 Sep** | EMBL Conference
  - Transcripton and Chromatin
- **31 Aug – 4 Sep** | EMBL Course
  - Gene Expression at Spatial Resolution

## September
- **2 – 5 Sep** | EMBL Workshop
  - Chemical Biology 2020
- **7 – 14 Sep** | EMBL Course
  - Membrane Protein Expression, Purification and Characterisation (mPEPC2)
- **14 – 17 Sep** | EMBL | EMBO Symposium
  - The Neurovascular Interface
- **14 – 18 Sep** | EMBL Course
  - Structural Bioinformatics
- **14 – 19 Sep** | EMBL Course
  - Liquid Biopsies
- **20 – 22 Sep** | EMBL | EMBO Symposium
  - The Molecular Basis and Evolution of Sexual Dimorphism
- **27 Sep – 2 Oct** | EMBL Course
  - Genome Engineering: CRISPR/Cas
- **28 Sep – 2 Oct** | EMBL Course
  - Whole Transcriptome Data Analysis
- **30 Sep – 3 Oct** | EMBL Conference
  - Molecular Mechanisms in Evolution and Ecology

## October
- **3 – 8 Oct** | EMBL Course
  - Advanced Methods in Bioimage Analysis
- **5 – 8 Oct** | EMBL Course
  - Single-Cell RNA-Sequence Analysis
- **7 – 10 Oct** | EMBL | EMBO Symposium
  - The Complex Life of RNA
- **14 – 16 Oct** | EMBL Course
  - Exploring Biological Sequences
- **19 – 23 Oct** | EMBL Course
  - CABANA: Bioinformatics for Plant Biology
- **20 – 22 Oct** | EMBL Course
  - Computing Skills for Reproducible Research: Software Carpentry
- **21 – 24 Oct** | EMBL | EMBO Symposium
  - Organoids: Modelling Organ Development and Disease in 3D Culture
- **26 Oct – 1 Nov** | EMBL Course
  - Solution Scattering focussing on Biological Macromolecules
- **28 – 31 Oct** | EMBL Workshop
  - Neuroepigenetics: From Cells to Behaviour and Disease

## November
- **2 – 5 Nov** | EMBL Course
  - Bioinformatics and Functional Genomics in Zebrafish
- **4 – 5 Nov** | EMBL Conference
  - EMBL Science and Society Conference
- **9 – 11 Nov** | EMBL | EMBO Symposium
  - Biological Oscillators: Design, Mechanism, Function
- **15 – 18 Nov** | EMBL Conference
  - From Functional Genomics to Systems Biology
- **15 – 21 Nov** | EMBL Course
  - Single-Cell Omics
- **22 – 27 Nov** | EMBL Course
  - Extracellular Vesicles: From Biology to Biomedical Applications
- **26 – 28 Nov** | 22nd EMBL PhD Symposium

## December
- **6 – 8 Dec** | EMBL Conference
  - In situ Structural Biology – From Cryo-EM to Integrative Modelling
- **7 – 11 Dec** | EMBL Course
  - CABANA: Genomic Data for Surveillance of Communicable Disease