

# EMBL Conferences 2018

## MARCH

- 28 FEB – 2 MAR  
**Wellcome Genome Campus – EMBL Conference (Hinxton, UK)**  
**Proteomics in Cell Biology and Disease Mechanisms**  
I. Cristea, A. Lamond, M. Mann, C. Robinson
- 11 – 14 MAR  
**EMBO | EMBL Symposium**  
**Tissue Self-Organisation: Challenging the Systems**  
D. Gilmour, T. Hiiragi, C. Nelson, O. Weiner
- 18 – 21 MAR  
**EMBO Workshop**  
**Microglia 2018**  
S. Garel, C. Gross, F. Peri, D. Schafer

## APRIL

- 15 – 17 APR  
**EMBO Workshop**  
**Integrating Systems Biology: From Networks to Mechanisms to Models**  
C. Falter, P. Falter-Braun, S. Orchard, S. Popescu, L. Serrano
- 19 – 20 APR  
**EMBL Conference**  
**2<sup>nd</sup> European Conference of Life Science Funders and Foundations**  
W. Krull, S. Pritchard, A. von Soosten
- 25 – 27 APR  
**EMBL Conference**  
**The Epitranscriptome**  
M. Frye, C. He, D. O'Carroll

## MAY

- 7 – 10 MAY  
**EMBO | EMBL Symposium**  
**DNA Replication: From Basic Biology to Disease**  
M. Debatisse, J. Diffley, T. Halazonetis
- 14 – 17 MAY  
**EMBO | EMBL Symposium**  
**Cellular Mechanisms Driven by Liquid Phase Separation**  
C. Brangwynne, C.-P. Heisenberg, E. Lemke, T. Mittag  
*\*Additional PhD/Post-Doc Summit from 13 - 14 May*
- 23 – 25 MAY  
**EMBL Conference**  
**BioMalPar XIV: Biology and Pathology of the Malaria Parasite**  
S. Blandin, M. Marti, T. Spielmann, H. Wardemann

## MAY

- 27 – 30 MAY  
**EMBO | EMBL Symposium**  
**Microtubules: From Atoms to Complex Systems**  
A. Akhmanova, G. Brouhard, G. Goshima, C. Janke

## JUNE

- 3 – 5 JUN  
**EMBO | EMBL Symposium**  
**Biological Oscillators: Design, Mechanism, Function**  
A. Aulehla, L. Glass, H. Herzog, U. Schibler
- 7 – 9 JUN  
**EMBL Conference**  
**Hematopoietic Stem Cells: From the Embryo to the Aging Organism**  
C. Lancrin, C. Lo Celso, C. Robin
- 24 – 27 JUN  
**EMBO | EMBL Symposium**  
**Innate Immunity in Host-Pathogen Interactions**  
Z. Chen, W. Hardt, M. Mota, F. Randow

## JULY

- 15 – 17 JUL  
**EMBL Conference**  
**Microfluidics 2018: New Technologies and Applications in Biology, Biochemistry and Single-Cell Analysis**  
C. Merten, S. Quake
- 24 – 27 JUL  
**EMBO Workshop**  
**Imaging Mouse Development**  
J. Ellenberg, A. Hadjantonakis, T. Hiiragi, P. Keller, K. McDole, S. Srinivas

## AUGUST

- 25 – 28 AUG  
**EMBL Conference**  
**Transcription and Chromatin**  
K. Adelman, D. Duboule, E. Furlong, P. Verrijzer
- 29 AUG – 1 SEP  
**EMBO Workshop**  
**Chemical Biology 2018**  
K. Johnsson, M. Köhn, E. Lemke, C. Schultz

## SEPTEMBER

- 5 – 8 SEP  
**EMBO | EMBL Symposium**  
**Principles of Chromosome Structure and Function**  
C. Häring, T. Hirano, A. Pombo, A. Straight
- 10 – 13 SEP  
**EMBO | EMBL Symposium**  
**Organoids: Modelling Organ Development and Disease in 3D Culture**  
H. Clevers, J. Knoblich, M. Little, E. Schnapp
- 16 – 19 SEP  
**EMBO | EMBL Symposium**  
**The Human Microbiome**  
M. Arumugam, P. Bork, N. Segata

## OCTOBER

- 3 – 6 OCT  
**EMBO | EMBL Symposium**  
**The Complex Life of RNA**  
A. Ephrussi, W. Gilbert, K. Nagai, R. Pillai
- 17 – 20 OCT  
**EMBO Workshop**  
**Experimental Approaches to Evolution and Ecology Using Yeast and Other Model Systems**  
J. Berman, M. Dunham, J. Leu, K. Patil

## NOVEMBER

- 10 – 13 NOV  
**EMBL Conference**  
**From Functional Genomics to Systems Biology**  
E. Furlong, A. Krebs, M. Savitski
- 15 – 16 NOV  
**EMBL Science and Society Conference**  
**Infectious Diseases: Past, Present and Future**  
H. Stefánsson
- 22 – 24 NOV  
**EMBL PhD Symposium**  
**Game Changers - Taking Life Sciences to the Next Level**  
EMBL PhD Students

## DECEMBER

- 6 – 8 DEC  
**EMBL Conference**  
**From Images to Knowledge with ImageJ & Friends**  
A. Carpenter, F. Jug, C. Tischer, P. Tomancak

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EMBL



# EMBL Courses 2018

## JANUARY

- 17 – 19  
JAN | EMBL Course  
**Brillouin Microscopy: Emerging Tool for Probing Mechanical Properties of Living Cells**

## FEBRUARY

- 5 – 9  
FEB | EMBO Practical Course  
**Metabolomics Bioinformatics for Life Scientists**
- 20 – 23  
FEB | EMBL Course  
**Introduction to Multiomics Data Integration**

## MARCH

- 4 – 9  
MAR | EMBO Practical Course  
**Techniques for Mammary Gland Research**
- 6 – 8  
MAR | EMBL Course  
**Bioinformatics Resources for Protein Biology**
- 11 – 16  
MAR | EMBL Course  
**Analysis and Integration of Transcriptome and Proteome Data**
- 19 – 20  
MAR | EMBL Course  
**Bioinformatics for Discovery**
- 20 – 23  
MAR | EMBL Course  
**RNA Sequencing Library Preparation - How Low Can You Go?**
- 20 – 23  
MAR | EMBL Course  
**Introduction to Metabolomics Analysis**

## APRIL

- 8 – 14  
APR | EMBO Practical Course  
**Extracellular Vesicles: From Biology to Biomedical Applications**
- 9 – 12  
APR | EMBL Course  
**Introduction to Next Generation Sequencing**
- 10 – 11  
APR | EMBL Course  
**Transgenic Animals – Micromanipulation Techniques**
- 16 – 20  
APR | EMBL Course  
**Advanced RNA-Seq Analysis**
- 18 – 20  
APR | EMBL Course  
**Next Generation Sequencing: Whole Genome Sequencing Library Preparation**
- 23 – 30  
APR | EMBO Practical Course  
**Microbial Metagenomics: A 360° Approach**

## MAY

- 2 – 4  
MAY | EMBL Course  
**Data Carpentry**
- 12 – 19  
MAY | EMBO Practical Course  
**Characterisation of Macromolecular Complexes by Integrative Structural Biology**

## MAY

- 14 – 18  
MAY | EMBL Course  
**Networks and Pathways**
- 15 – 18  
MAY | EMBL Course  
**Single Cell RNA Sequencing**

## JUNE

- 3 – 8  
JUN | EMBL Course  
**In Silico Systems Biology**
- 4 – 8  
JUN | EMBL Course  
**Bioinformatics Resources for Immunologists**
- 4 – 8  
JUN | EMBL Course  
**Hands-on Flow Cytometry - Learning by Doing!**
- 4 – 8  
JUN | EMBL Course  
**Whole Transcriptome Data Analysis**
- 11 – 15  
JUN | EMBL Course  
**Fundamentals of Widefield and Confocal Microscopy and Imaging**
- 12 – 14  
JUN | EMBL Course  
**Bioinformatics for Principal Investigators**
- 12 – 14  
JUN | EMBL Course  
**Bioinformatics for Core Facility Managers**
- 12 – 15  
JUN | EMBL Course  
**Using Nanopore Technology for Real Time, Direct, Scalable DNA / RNA Sequencing**
- 17 – 22  
JUN | EMBO Practical Course  
**Quantitative Proteomics: Strategies and Tools to Probe Biology**
- 18 – 21  
JUN | EMBL Course  
**Cancer Genomics**
- 24 – 29  
JUN | EMBL Course  
**Advanced Fluorescence Imaging Techniques**
- 25 – 29  
JUN | EMBL Course  
**Summer School in Bioinformatics**

## JULY

- 2 – 5  
JUL | EMBL Course  
**Shift Your DNA and RNA Sequencing Library Preparation into Hyper-Drive**
- 9 – 14  
JUL | EMBL Course  
**Super-Resolution Microscopy**
- 10 – 11  
JUL | EMBL Course  
**Exploring Human Genetic Variation**
- 15 – 20  
JUL | EMBL Course  
**Proteomics Bioinformatics**
- 17 – 20  
JUL | EMBL Course  
**Metagenomics Bioinformatics**

## AUGUST

- 26 – 31  
AUG | EMBO Practical Course  
**Molecular Geobiology**

## SEPTEMBER

- 2 – 10  
SEP | EMBO Practical Course  
**Cryo-Electron Microscopy and 3D Image Processing**
- 3 – 7  
SEP | EMBL Course  
**Structural Bioinformatics**
- 10 – 14  
SEP | EMBL Course  
**Attacking Open Chromatin with ATAC Sequencing**
- 10 – 18  
SEP | EMBO Practical Course  
**Membrane Protein Expression, Purification and Characterisation (mPEPC1)**
- 16 – 21  
SEP | EMBL Course  
**Genome Engineering: CRISPR/Cas**

## OCTOBER

- 2 – 5  
OCT | EMBL Course  
**Introduction to Next Generation Sequencing**
- 7 – 11  
OCT | EMBL Course  
**Whole Transcriptome Data Analysis**
- 15 – 18  
OCT | EMBL Course  
**Software Carpentry**
- 15 – 20  
OCT | EMBL Course  
**Liquid Biopsies**
- 22 – 26  
OCT | EMBL Course  
**Analysis of High-Throughput Sequencing Data**
- 23 – 25  
OCT | EMBL Course  
**Assay Development for Drug Discovery and Characterisation**

## NOVEMBER

- 5 – 9  
NOV | EMBL Course  
**Bioinformatics for Plant Biology**
- 5 – 9  
NOV | EMBL Course  
**Deciphering DNA Methylation**
- 13 – 15  
NOV | EMBL Course  
**Exploring Biological Sequences**
- 14 – 15  
NOV | EMBL Course  
**Microinjection into Adherent Cells**
- 19 – 26  
NOV | EMBO Practical Course  
**Solution Scattering from Biological Macromolecules**
- 20 – 22  
NOV | EMBL Course  
**Microinjection in Zebrafish and Medaka: From Transgenesis to CRISPR**
- 27 – 29  
NOV | EMBL Course  
**Digital PCR**

## DECEMBER

- 3 – 7  
DEC | EMBL Course  
**Microbial Communities: Modelling Meets Experiments**

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