

# EMBO

August 2020 – August 2021

# 2020 2021

## Practical Courses

- Virtual** | 17–28 August 2020 | C. Sachse  
Cryo-electron microscopy and 3D image processing
- TR-Izmir | 2–6 November 2020 | A. Bonvin  
Integrative modelling of biomolecular interactions
- UK-Bristol | 17–22 January 2021 | P. Verkade  
Correlative light electron microscopy
- FR-Lyon | 22–26 February 2021 | R. Salek  
Metabolomics bioinformatics in human health
- IT-Procida | 19–26 March 2021 | V. Colonna  
Population genomics: Background, tools, and programming
- DE-Heidelberg | 12–19 April 2021 | J.E. González-Pastor  
Microbial metagenomics: A 360° approach
- ES-Barcelona | 18–23 April 2021 | O. Fornas  
Flow cytometry of biological nano-particles for multi-omics analysis
- FR-Grenoble | 3–7 May 2021 | F. Gabel  
Small angle neutron and x-ray scattering from biomacromolecules in solution
- DE-Heidelberg | 4–7 May 2021 | B. Velten  
Integrative analysis of multi-omics data
- GR-Heraklion | 9–20 May 2021 | A. Stamatakis  
Computational molecular evolution
- PT-Oeiras | 23–28 May 2021 | R. Henriques  
Computational optical biology
- FR-Grenoble | 29 May–5 June 2021 | M. Marcia  
Characterization of macromolecular complexes by integrative structural biology
- DE-Heidelberg | 13–18 June 2021 | R. Striepcke  
Humanized mice, personalized therapies and big data
- NO-Tromsø | 21 June–1 July 2021 | K. Bowitz Larsen  
Advanced electron microscopy for cell biology
- DE-Heidelberg | 26 June–2 July 2021 | C. Tischer  
Advanced methods in bioimage analysis
- DE-Heidelberg | 27 June–2 July 2021 | J. Krijgsvelde  
Quantitative proteomics: Strategies and tools to probe biology
- FR-Rennes | 28 June–3 July 2021 | S. Huet  
Sensing biophysical properties in living samples using light microscopy
- PT-Caparica | 5–9 July 2021 | D. Sobral  
Deciphering tumor heterogeneity and evolution by integration of multi-omics data
- UK-London | 11–24 July 2021 | C. Kiecker  
Developmental neurobiology: From stem cells to circuits
- NL-Wageningen | 26–30 July 2021 | D. Rush  
Breathless microbes: Life with no oxygen

## Workshops

- Virtual** | 3–5 September 2020 | K. Johansson  
Chemical biology
- Virtual** | 8–12 September 2020 | M. Mallo  
Neuromesodermal progenitors in development, evolution and regeneration
- Hybrid** | 25–30 October 2020 | F. Relaix  
Muscle formation, maintenance, regeneration and pathology
- Virtual** | 28–31 October 2020 | K.M. Noh  
Neuroepigenetics: From cells to behaviour and disease
- Virtual** | 6–8 December 2020 | M. Beck  
In situ structural biology: From Cryo-EM to integrative modelling
- Virtual** | 6–10 December 2020 | H. van Attikum  
Chromatin dynamics and nuclear organization in genome maintenance
- IL-Ein Gedi | 6–11 December 2020 | A. Zaritsky  
Bacterial cell biophysics: DNA replication, growth, division, size and shape
- IN-Bangalore | 1–4 March 2021 | R. Padinjat  
Inositol lipids: Signaling platforms for organizing cellular architecture and physiology
- FR-Les Houches | 14–19 March 2021 | P.H. Puech  
ImmunoBiophysics: From fundamental physics to understanding immune response
- ES-Barcelona | 15–17 March 2021 | C. Muñoz-Pinedo  
Cancer immunometabolism
- ES-Sant Feliu de Guixols | 24–27 March 2021 | P. Verstreken  
Autophagy in brain health and disease
- ES-Barcelona | 7–11 April 2021 | C. Becker  
The molecular and cellular basis of regeneration and tissue repair
- UK-Exeter | 11–14 April 2021 | S. Scholpp  
Long-distance cell-cell signalling in development and disease
- ES-Torremolinos | 26–29 April 2021 | G. Sabio  
Energy balance in metabolic disorders
- IT-Venice | 26–30 April 2021 | M. Gifford  
International plant systems biology
- DE-Heidelberg | 28–30 April 2021 | D. O'Carroll  
The epitranscriptome
- GR-Crete | 2–5 May 2021 | A.J. García-Sáez  
Dying in self-defense: Cell death signaling in animals and plants
- ES-Santander | 3–6 May 2021 | A. Rada-Iglesias  
Enhanceropathies: Understanding enhancer function to understand human disease
- IT-Castellnuovo Berardenga | 7–11 May 2021 | C.T. Baldari  
Lymphocyte antigen receptor signalling
- SE-Svartsjö | 16–20 May 2021 | M. Minczuk  
Molecular biology of mitochondrial gene maintenance and expression
- AT-Wienna | 19–22 May 2021 | K. Tachibana  
Awakening of the genome: The maternal-to-zygotic transition
- DK-Copenhagen | 19–22 May 2021 | J.J. Andersen  
Centrosomes and spindle pole bodies
- GR-Crete | 21–25 May 2021 | B. Janssen  
Molecular neurobiology
- BE-Ghent | 26–29 May 2021 | K. Ravichandran  
Phagocytosis of dying cells: Molecules, mechanisms, and therapeutic implications
- GR-Heraklion | 28–30 May 2021 | G.A. Garinis  
Developmental circuits in aging
- NO-Oslo | 1–4 June 2021 | N. Sekulic  
Dynamic kinetochore
- NL-Leiden | 6–9 June 2021 | S. de Pater  
Plant genome stability and change

- DE-Dresden | 7–11 June 2021 | S. Grill  
Physics of living systems: From molecules to tissues
- DE-Heidelberg | 13–16 June 2021 | J. Crocker  
Predicting evolution
- ES-Barcelona | 14–16 June 2021 | M. Graupera  
Vascular malformations: From fundamental biology to therapeutic opportunities
- IL-Rehovot | 20–22 June 2021 | M. Fainzilber  
Cell size and growth regulation
- DE-Berlin | 24–26 June 2021 | K.P. Knobeloch  
The ISG15 system in molecular function and disease mechanisms
- SE-Akersberga | 28 June–2 July 2021 | J. Hennig  
RNA: Structure meets function
- HR-Split | 28 June–2 July 2021 | I. Stajjar  
Systems approaches in cancer
- ES-Sant Feliu de Guixols | 4–8 July 2021 | J. Chao  
RNA localization and local translation
- CH-Ascona | 11–14 July 2021 | Y. Barral  
The yin and yang of chromosomal and extra-chromosomal DNA
- UK-St. Andrews | 11–16 July 2021 | J. Tilsner  
Intercellular communication and plasmodesmata in plant development and disease
- GR-Heraklion | 21–24 September 2021 | P. Poirazi  
Dendrites: Dendritic anatomy, molecules and function

## Symposia

- EMBO | EMBL Symposia
- Virtual** | 14–16 September 2020 | D. Bachtrog, D. Charles-Worth, H. Kaessmann  
The molecular basis and evolution of sexual dimorphism
- Virtual** | 7–9 October 2020 | A. Ephrussi, W. Gilbert, K. Nagai, R. Pillai  
The complex life of RNA
- Virtual** | 21–24 October 2020 | H. Clevers, M. Huch, J. Knoblich, M. Lancaster, E. Schnapp  
Organoids: Modelling organ development and disease in 3D culture
- DE-Heidelberg | 2–5 March 2021 | A. Diz-Muñoz, Z. Gital, K. C. Huang, E. Paluch  
Life at the periphery: Mechanobiology of the cell surface
- DE-Heidelberg | 10–13 March 2021 | A. Aguilera, P. Belli, K. Cimprich, G. Stoecklin  
Friend or foe: Transcription and RNA meet DNA replication and repair
- DE-Heidelberg | 17–20 March 2021 | J. Crocker, D. Iber, S. De Renzi, D. Tang, V. Trivedi  
Synthetic morphogenesis: From gene circuits to tissue architecture
- DE-Heidelberg | 5–8 May 2021 | D. Arendt, C. Baker, M. A. Tosches, G. Wagner  
Identity and evolution of cell types
- DE-Heidelberg | 6–9 June 2021 | E. Abouheif, A. Aulehla, A. Meyer, S. Sultan  
Phenotypic plasticity across scales
- DE-Heidelberg | 6–9 July 2021 | P. Cossart, K. C. Huang, M. Laub, N. Typas  
New approaches and concepts in microbiology

## Lecture Courses

- EMBO | FEBS Lecture Courses
- Virtual** | 28 September–2 October 2020 | I. Kuperstein  
Cancer systems biology: Promises of artificial intelligence
- GR-Spetses | 20–28 May 2021 | S. Rose-John  
Molecular mechanisms of interorgan crosstalk in health and disease
- IT-Venice | 16–20 August 2021 | J. Jaeger  
Venice summer school: The character concept in metabolic, physiological, and developmental evolution
- India | EMBO Lecture Courses
- IN-New Delhi | 3–9 February 2021 | A. Sinha  
Malaria molecular epidemiology, population genetics, and evolution: Principles to practices
- IN-Pune | 8–11 February 2021 | A. Majumdar  
RNA binding proteins: From RNA binding to condensation and aggregation

## Funding Available

- Apply for funding
- Courses and Workshops  
1 March and 1 August
- Keynote lectures given by EMBO Members at major international scientific meetings  
1 February, 1 June, 1 October
- For further information see:  
[www.embo.org/funding-awards/courses-workshops](http://www.embo.org/funding-awards/courses-workshops)

[events.embo.org](http://events.embo.org)

