

EMBO 2019

Practical Courses

- DE-Dresden | 5–13 February 2019 | A. Hyman
Methods for studying phase separation in biology
- DE-Heidelberg | 25–29 March 2019 | S. De Renzi
Optogenetics: From design to cell signalling to tissue morphogenesis
- IT-Procida | 30 March–6 April 2019 | V. Colonna
Population genomics: Background, tools and programming
- DE-Heidelberg | 7–12 April 2019 | M. Schorb
High-accuracy CLEM: Applications at room temperature and in cryo
- ES-Barcelona | 7–13 April 2019 | M. Lluch Senar
The 2019 whole-cell modeling summer school
- TR-Izmir | 8–12 April 2019 | E. Karaca
Research to service: Planning and running a bioinformatics core facility
- DK-Odense | 2–10 May 2019 | M.R. Larsen
Characterisation of post-translational modifications in cellular signalling
- DE-Heidelberg | 5–10 May 2019 | J. Krijgsvelde
Quantitative proteomics: Strategies and tools to probe biology
- DE-Heidelberg | 12–18 May 2019 | Q. Deng
Single cell omics
- JP-Nagoya | 21–30 May 2019 | A. Maizel
Functional live imaging of plants
- DE-Heidelberg | 2–7 June 2019 | A. Hendrix
Extracellular vesicles: From biology to biomedical applications
- UK-Didcot | 10–19 June 2019 | N. Burgess-Brown
High-throughput protein production and crystallization
- CZ-České Budějovice | 10–20 June 2019 | J. Nebesarova
Advanced methods of electron microscopy in cell biology
- DE-Heidelberg | 12–19 June 2019 | J.E. González-Pastor
Microbial metagenomics: A 360° approach
- IT-San Michele all'Adige | 16–30 June 2019 | C. Donati
Bioinformatics and genome analyses
- NL-Wageningen | 1–5 July 2019 | C. Welte
Breathless microbes: Techniques and theory in anaerobic microbiology
- UK-London | 7–20 July 2019 | C. Kiecker
Developmental neurobiology: From worms to mammals
- FR-Paris | 8–13 July 2019 | M. Nilges
Integrative and cellular structural biology
- DE-Garching | 26 July–2 August 2019 | M. Sattler
Structure, dynamics and function of biological macromolecules by NMR
- DE-Dresden | 25 August–6 September 2019 | M. Sarov
Mouse genome engineering
- UK-London | 2–12 September 2019 | H.R. Saibil
Image processing for cryo electron microscopy
- DE-Heidelberg | 8–17 September 2019 | A. Diz-Muñoz
Current methods in cell biology
- DE-Heidelberg | 15–22 September 2019 | V. de Lorenzo
Synthetic biology in action: Bridging natural/non-natural

FR-Lyon | 16–20 September 2019 | R. Salek
Metabolomics bioinformatics in human health

FR-Grenoble | 23–27 September 2019 | F. Gabel
Small angle neutron and X-ray scattering from biomacromolecules in solution

DE-Heidelberg | 3–8 November 2019 | R. Stripecke
Humanized mice in biomedicine: Challenges and innovations

DE-Hamburg | 3–9 November 2019 | J. Kosinski
Practical integrative structural biology

ES-Barcelona | 10–15 November 2019 | E. Sabidó
Targeted proteomics: Experimental design and data analysis

DE-Heidelberg | 11–15 November 2019 | D. Ordonez
The fundamentals of high-end cell sorting

DE-Heidelberg | 17–22 November 2019 | V. Benes
Methods for analysis of circular RNAs: No tautology

IN-Bangalore | 1–6 December 2019 | S. Gosavi
Computational analysis of protein-protein interactions in cell function and disease

Workshops

CL-San Pedro de Atacama | 10–12 January 2019 | M. Allende
Exploring genomic landscapes

IN-Bangalore | 4–7 February 2019 | H. Ghosh
Molecular neuroscience: From genes to circuits in health and disease

ES-Salamanca | 8–11 March 2019 | A. Borkhardt
B-cell development and leukemia

DE-Heidelberg | 13–15 March 2019 | S. O'Donoghue
Visualizing biological data (VIZBI 2019)

ES-Sant Feliu de Guíxols | 23–27 March 2019 | R. Erdmann
Current advances in protein translocation across membranes

UK-Oxford | 1–5 April 2019 | J. Rehwinkel
Pathogen immunity and signalling

CL-Santiago | 2–5 April 2019 | M. Concha
Bridging cell and tissue mechanics to fate specification in development

IL-Herzliya | 7–11 April 2019 | Y. Shiloh
Genome dynamics in neuroscience and aging

ES-Chiclana de la Frontera | 8–11 April 2019 | G. Sabio
Organ crosstalk in energy balance and metabolic disease

CN-Xiu Ning | 11–14 April 2019 | J. Hu
Membrane shaping and remodeling by proteins

CL-Villarrica | 14–18 April 2019 | C. Gonzalez-Billault
Emerging concepts of the neuronal cytoskeleton

UK-Windsor | 15–17 April 2019 | S. Helaine
Toxin-antitoxin systems in bacteria

CL-Santiago | 22–25 April 2019 | E. Schirmer
Integrative biology: From molecules to ecosystems in extreme environments

ES-Costa de la Calma | 28 April–3 May 2019 | B. Bukau
Protein quality control: From mechanisms to disease

DE-Heidelberg | 1–4 May 2019 | A. Akhtar
Chromatin and epigenetics

GR-Heraklion | 7–10 May 2019 | F. Bradke
Cell biology of the neuron: Polarity, plasticity and regeneration

PT-Cascais | 11–15 May 2019 | L. Jansen
Chromosome segregation and aneuploidy

FR-Le Pouliguen | 12–16 May 2019 | C. Lamaze
Caveolae and nanodomains: Translating structural principles and dynamics into function

CZ-Prague | 15–18 May 2019 | P. Svoboda
Awakening of the genome: The maternal-to-zygotic transition

GR-Athens | 19–23 May 2019 | G. Kollias
Mesenchymal cells in inflammation, immunity and cancer

IL-Rehovot | 19–24 May 2019 | J. Abramson
ThymE: T cell and thymus biology

JP-Tokyo | 20–22 May 2019 | P. Carninci
Single cell biology

GR-Kyllini | 20–24 May 2019 | A. Papanonis
The genome in three dimensions

IT-Baveno | 25–28 May 2019 | L. Tamagnone
Neural guidance molecules in development and disease

ES-Sant Feliu de Guíxols | 26–31 May 2019 | S. Iden
Cell polarity and membrane dynamics

FR-Paris | 30 May–2 June 2019 | A. Hosmalin
Antigen processing and presentation 10 (APP 10)

SE-Lund | 9–12 June 2019 | T. Den Blaauwen
Bacterial cell division: Closing the gap

CZ-Nové Hradky | 23–28 June 2019 | J. Carey
Synergy of experiment and computation in quantitative systems biology

ES-Barcelona | 2–5 July 2019 | J. Sharpe
Limb development and regeneration: New tools for a classic model system

UK-Norwich | 14–18 July 2019 | T. Mock
The molecular life of diatoms

ES-Barcelona | 14–19 July 2019 | J. Ayte
Fission yeast

GR-Chania | 22–26 July 2019 | G. Christophides
Molecular and population biology of mosquitoes and other disease vectors

FR-La Rochelle | 25–29 August 2019 | C. Mézard
Meiosis

UK-Crieff | 26–30 August 2019 | K.M. Ryan
Autophagy: From molecular principles to human diseases

UK-Oxford | 1–5 September 2019 | P. Klenerman
CD1-MR1: Beyond MHC restricted lymphocytes

ES-Sant Feliu de Guíxols | 1–6 September 2019 | K. Jung
Bacterial networks (BacNet19)

IT-Ischia | 1–6 September 2019 | A. Roux
The physics and chemistry of endocytosis at multiple scales

DE-Heidelberg | 4–7 September 2019 | F. Gebauer Hernández
Protein synthesis and translational control

IT-Naples | 10–13 September 2019 | C. Neri
Network inference in biology and disease

AT-Vienna | 10–13 September 2019 | J.M. Peters
Organization of bacterial and eukaryotic genomes by SMC complexes

HR-Cavtat | 13–17 September 2019 | C. Joazeiro
The ubiquitin system: Biology, mechanisms and roles in disease

IT-Assisi | 16–18 September 2019 | M.T. Pallotta
Molecular mechanisms of unconventional protein secretion in eukaryotic cells

CH-Les Diablerets | 16–20 September 2019 | F. Cortés Ledesma
DNA topology and topoisomerases in genome dynamics

DE-Berlin | 17–20 September 2019 | G.R. Lewin
Beyond the standard: Non-model vertebrates in biomedicine

DE-Heidelberg | 22–25 September 2019 | J.L. Faulon
Creating is understanding: Synthetic biology tackles biological complexity

DE-Dresden | 27–30 September 2019 | K. Simons
Lipid function in health and disease

SI-Ljubljana | 29 September–2 October 2019 | J. Ule
RNP network dynamics in development and disease

GR-Crete | 6–9 October 2019 | M. Pasparakis
Cell death in immunity and inflammation

GR-Crete | 6–10 October 2019 | J. Tyler
Histone chaperones: Structure, function and role in development and disease

DE-Hamburg | 7–9 October 2019 | C. Löw
Tools for structural biology of membrane proteins

ES-Girona | 14–19 October 2019 | K.H. Wolfe
Comparative genomics of eukaryotic microbes: Genomes in flux, and flux between genomes

DE-Berlin | 26–29 October 2019 | T.F. Meyer
The impact of bacterial infections on human cancer

DE-Heidelberg | 13–16 November 2019 | L. Steinmetz
Precision health: Molecular basis, technology and digital health

PT-Ericeira | 15–19 November 2019 | C. Adrain
Proteostasis: From organelles to organisms

IN-Bangaluru | 8–13 December 2019 | H. Atreya
Intrinsically disordered proteins: From molecules to systems

Symposia

EMBO | EMBL Symposia

- DE-Heidelberg | 17–20 March 2019 | S. De Renzi
Synthetic morphogenesis: From gene circuits to tissue architecture
- DE-Heidelberg | 31 March–3 April 2019 | J. Krause
Reconstructing the human past: Using ancient and modern genomics
- DE-Heidelberg | 10–13 April 2019 | L. Rondi-Reig
Probing neural dynamics with behavioural genetics
- DE-Heidelberg | 15–18 May 2019 | H. Kaessmann
The identity and evolution of cell types
- DE-Heidelberg | 3–6 July 2019 | F. Schnorrer
Mechanical forces in development
- DE-Heidelberg | 10–13 July 2019 | A. Typas
New approaches and concepts in microbiology
- DE-Heidelberg | 11–13 September 2019 | J. Zaugg
Multiomics to mechanisms: Challenges in data integration
- DE-Heidelberg | 29 September–2 October 2019 | B. Lehner
Systems genetics: From genomes to complex traits
- DE-Heidelberg | 9–12 October 2019 | J. Ellenberg
Seeing is believing: Imaging the molecular processes of life
- DE-Heidelberg | 16–19 October 2019 | J. Vogel
The non-coding genome
- DE-Heidelberg | 20–23 November 2019 | A.G. Ladurner
Metabolism meets epigenetics

India | EMBO Symposia

- IN-Chennai | 10–13 March 2019 | R. Siddharthan
Regulatory epigenomics: From large data to useful models
- IN-New Delhi | 15–17 April 2019 | A. Pareek
Sensing and signalling in plant stress response
- IN-Kalyani | 9–12 November 2019 | S. Mukherjee
Human microbiome: Resistance and disease

Lecture Courses

EMBO | FEBS Lecture Courses

- GR-Spetses Island | 23–31 May 2019 | S. Rose-John
Molecular mechanisms of tissue injury, repair and fibrosis
- IT-Venice | 26–30 August 2019 | J. Johannes
Venice summer school 2019: Mechanism in development and evolution
- GR-Spetses Island | 4–12 September 2019 | P. Cossart
The new microbiology
- GR-Hydra | 15–22 September 2019 | A. Smith
The Hydra XIV European summer school on stem cell biology and regenerative medicine
- ME-Herceg Novi | 24–28 September 2019 | A. Trifunovic
Mitochondria in life, death and disease

Global Exchange Lecture Courses

- CL-Las Cruces | 5–13 April 2019 | J. Sierralta
Small brains, big ideas
- CL-Santiago | 14–20 October 2019 | D. Svergun
Structural and biophysical methods for biological macromolecules in solution

Funding Available

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Courses and Workshops
1 March and 1 August 2019

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1 February, 1 June, 1 October

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