



INDEX OF TITLES AND ORGANIZERS (CHRONOLOGICAL ORDER) OF THE WORKSHOPS “CURRENT TRENDS IN BIOMEDICINE”

(BAEZA, SPAIN; 2004-2019; EDITIONS: 16 / WORKSHOPS: 64)

2004:

- “ORIGIN AND EVOLUTION OF HUMAN PATHOGENS”
20-23 OCTOBER 2004

Organizers: **Josep Casadesús** (Universidad de Sevilla. Sevilla, Spain)
Eduardo A. Groisman (Washington University. St. Louis, USA)

- “COUPLING BETWEEN TRANSCRIPTION AND RNA PROCESSING”
8-10 NOVEMBER 2004

Organizers: **Miguel Beato** (Centre de Regulació Genòmica (CRG).
Barcelona, Spain)
Frank Gannon (European Molecular Biology Laboratory
(EMBL). Heidelberg, Germany)
Juan Valcárcel (Centre de Regulació Genòmica (CRG).
Barcelona, Spain)

Editions 2005-2008 were organized jointly with the “**Instituto de Salud Carlos III**”:



2005:

- **“IMAGING SYNAPSES: FROM INDIVIDUAL MOLECULES TO BRAIN CIRCUITS”**
2-5 OCTOBER 2005

Organizers: **Rafael Fernández-Chacón** (Universidad de Sevilla. Sevilla, Spain)
Arthur Konnerth (Technical University Munich. Munich, Germany)
Thomas C. Südhof (UT Southwestern Medical Center. Dallas, USA)

- **“CARDIOVASCULAR DEVELOPMENT: TOWARDS BIOMEDICAL APPLICABILITY”**
23-26 OCTOBER 2005

Organizers: **Marina Campione** (University of Padua. Padua, Italy)
Diego Franco (Universidad de Jaén. Jaén, Spain)
Robert Kelly (University of Marseille. Marseille, France)

- **“EPIGENETIC MECHANISMS IN DEVELOPMENT AND DISEASE”**
13-16 NOVEMBER 2005

Organizers: **Adrian Bird** (University of Edinburgh. Edinburgh, UK)
José C. Reyes (Instituto de Bioquímica Vegetal y Fotosíntesis de Sevilla. Sevilla, Spain)
Moshe Yaniv (Institute Pasteur. Paris, France)

- **“SYNAPTOPATHIES AND MENTAL DISORDERS”**
11-14 DICIEMBRE 2005

Organizers: **Guillermo Álvarez de Toledo** (Universidad de Sevilla. Sevilla, Spain)
Reinhard Jahn (Max Planck Institute for Biophysical Chemistry. Göttingen, Germany)

2006:

- **“RNA IN DISEASE AND THERAPY”**

2-4 OCTOBER 2006

Organizers: **Alfredo Berzal-Herranz** (Instituto de Parasitología y Biomedicina "López-Neyra", CSIC. Granada, Spain)
Bryan R. Cullen (Duke University. Durham, USA)
Mariano A. Garcia-Blanco (Duke University. Durham, USA)

- **“PATHOCYCLES: ROLE OF CELL CYCLE REGULATORS IN THE INDUCTION OF VIRULENCE PROGRAMME IN PATHOGENIC FUNGI”**

23-25 OCTOBER 2006

Organizers: **Jaime Correa-Bordes** (Universidad de Extremadura. Badajoz, Spain)
Paul Nurse (Rockefeller University. New York, USA)
José Pérez-Martín (Centro Nacional de Biotecnología, CNB-CSIC. Madrid, Spain)

- **“MECHANISMS AND BIOLOGICAL CONSEQUENCES OF RECOMBINATIONAL DNA REPAIR-MEDIATED GENOME INSTABILITY”**

6-8 NOVEMBER 2006

Organizers: **Andrés Aguilera** (CABIMER, Universidad de Sevilla. Sevilla, Spain)
Roland Kanaar (Erasmus Medical Center. Rotterdam, The Netherlands)

- **“MITOCHONDRIOPATHIES. DIVERSE ORIGIN OF MITOCHONDRIAL DISEASES”**

27-29 NOVEMBER 2006

Organizers: **Joaquín Arenas** (Centro de Investigación Hospital Universitario 12 de Octubre. Madrid, Spain)
Salvatore DiMauro (Columbia University College of Physicians and Surgeons. New York, USA)
Plácido Navas (Centro Andaluz de Biología del Desarrollo, Universidad Pablo de Olavide. Sevilla, Spain)

2007:

- **“MECHANISTIC AND INTEGRATIVE ASPECTS OF mRNA SYNTHESIS”**

1-3 OCTOBER 2007

Organizers: **Danny Reinberg** (Howard Hughes Medical Institute, Robert Wood Johnson Medical School. Piscataway, USA)
Ramin Shiekhatar (Centre de Regulació Genòmica (CRG). Barcelona, Spain)
Marc Timmers (University Medical Centre Utrecht. Utrecht, The Netherlands)

- **“DECIPHERING THE REGULATORY GENOME: DEVELOPMENT, EVOLUTION AND DISEASE”**

8-10 OCTOBER 2007

Organizers: **Thomas S. Becker** (Sars Centre for Marine Molecular Biology, University of Bergen. Bergen, Norway)
Fernando Casares (Centro Andaluz de Biología del Desarrollo, Universidad Pablo de Olavide-CSIC. Sevilla Spain)
José Luis Gómez-Skarmeta (Centro Andaluz de Biología del Desarrollo, Universidad Pablo de Olavide-CSIC. Sevilla, Spain)

- **“FRAGILE X-RELATED SYNDROMES: FROM MOLECULAR TO CLINICAL APPROACH”**

16-18 OCTOBER 2007

Organizers: **Randi J. Hagerman** (MIND Institute, UC Davis Health System. Davis, USA)
Ben A. Oostra (Erasmus Medical Center. Rotterdam, The Netherlands)
Elizabeth Pintado (Hospital Universitario Virgen Macarena, Universidad de Sevilla. Sevilla, Spain)

- **“STRESS, STRESS RESPONSES AND MECHANISMS OF EVOLVABILITY”**

22-24 OCTOBER 2007

Organizers: **Jesús Blázquez** (Centro Nacional de Biotecnología, CNB-CSIC. Madrid, Spain)
Ivan Matic (Necker Institute, University René Descartes-Paris 5. Paris, France)
Susan M. Rosenberg (Baylor College of Medicine. Houston, USA)

2008:

- **“UNDERSTANDING PAIN: FROM TRANSDUCTION TO SENSATION”**
6-8 OCTOBER 2008

Organizers: **David Julius** (University of California, San Francisco. San Francisco, USA)
Félix Viana (Instituto de Neurociencias de Alicante, Universidad Miguel Hernández-CSIC. Sant Joan d'Alacant (Alicante), Spain)

- **“BACTERIAL TYPE IV SECRETION SYSTEMS IN HUMAN DISEASE”**
14-16 OCTOBER 2008

Organizers: **Christoph Dehio** (Biozentrum, University of Basel. Basel, Switzerland)
Matxalen Llosa (Universidad de Cantabria. Santander, Spain)
Craig R. Roy (Yale University. New Haven, USA)

- **“GERM CELL-SOMA INTERACTIONS IN GONADAL DEVELOPMENT AND GERM CELL TUMOURS”**
20-22 OCTOBER 2008

Organizers: **Mónica Bullejos** (Universidad de Jaén. Jaén, Spain)
Peter Koopman (Institute for Molecular Bioscience, The University of Queensland. Brisbane, Australia)
Niels E. Skakkebæk (Rigshospitalet, Copenhagen University Hospital. Copenhagen, Denmark)

- **“ROLE OF RNA STRUCTURES IN THE TRANSLATION OF VIRAL AND CELLULAR RNAs”**
27-29 OCTOBER 2008

Organizers: **Graham J. Belsham** (National Veterinary Institute, Technical University of Denmark. Lindholm, Denmark)
Jordi Gómez (Instituto de Parasitología y Biomedicina “López-Neyra”, CSIC. Granada, Spain)
Encarna Martínez-Salas (Centro de Biología Molecular “Severo Ochoa”, CSIC-UAM. Madrid, Spain)

2009:

- **“RNA-PROTEIN INTERACTIONS IN DEVELOPMENT AND CANCER”**
1-3 OCTOBER 2009

Organizers: **Fátima Gebauer** (Centre de Regulació Genòmica. Barcelona, Spain)
Luiz O. Penalva (University of Texas Health Science Center at San Antonio. San Antonio, USA)
Jernej Ule (MRC Laboratory of Molecular Biology. Cambridge, UK)

- **“MECHANISMS OF ORGAN REGENERATION IN MODEL SYSTEMS”**
5-7 OCTOBER 2009

Organizers: **Shawn M. Burgess** (National Human Genome Research Institute, NIH. Bethesda, USA)
Hernán López-Schier (Centre de Regulació Genòmica. Barcelona, Spain)
Kenneth D. Poss (Duke University Medical Center. Durham, USA)

- **“ACTIVE ZONES AS ORGANIZERS OF NEURONAL COMMUNICATION”**
22-24 OCTOBER 2009

Organizers: **William J. Betz** (University of Colorado. Aurora, USA)
Lucía Tabares (Universidad de Sevilla. Sevilla, Spain)

- **“DEVELOPMENTAL ORIGINS OF NEUROLOGICAL DISORDERS: FROM NEUROGENESIS TO CIRCUIT FORMATION”**
26-28 OCTOBER 2009

Organizers: **Douglas J. Epstein** (University of Pennsylvania School of Medicine. Philadelphia, USA)
Michael P. Matise (UMDNJ/Robert Wood Johnson Medical School. Piscataway, USA)
Ricardo Pardal (Instituto de Biomedicina de Sevilla (IBiS). Sevilla, Spain)

- **“CHROMATIN DOMAINS AND INSULATORS”**

9-11 NOVEMBER 2009

Organizers: **Víctor G. Corces** (Emory University. Atlanta, USA)
Lluís Montoliu (Centro Nacional de Biotecnología, CSIC. Madrid, Spain)
Félix Recillas-Targa (Universidad Nacional Autónoma de México. México DF, Mexico)

- **“BACTERIAL REGULATORY NETWORKS”**

12-14 NOVEMBER 2009

Organizers: **Bonnie L. Bassler** (HHMI, Princeton University. Princeton, USA)
Eduardo A. Groisman (HHMI, Washington University. St. Louis, USA)
Igor Zwir (Universidad de Granada. Granada, Spain)

2010:

- **“THE DYNAMICS OF PEPTIDOGLYCAN STRUCTURE AND FUNCTION: NEW INSIGHTS INTO THE 'GREAT WALL'”**

4-6 OCTOBER 2010

Organizers: **Miguel A. de Pedro** (Centro de Biología Molecular "Severo Ochoa", CSIC-UAM. Madrid, Spain)
Joseph P. Dillard (University of Wisconsin-Madison. Madison, USA)
Margaret J. McFall-Ngai (University of Wisconsin-Madison. Madison, USA)

- **“CELL REPLACEMENT FOR REGENERATION IN THE NERVOUS SYSTEM: LESSONS FROM ADULT NEUROGENESIS”**

13-15 OCTOBER 2010

Organizers: **Benedikt Berninger** (Institute of Physiology, Ludwig-Maximilians University Munich. Munich, Germany)
José Manuel García-Verdugo (Centro de Investigación Príncipe Felipe. Valencia, Spain)
Alejandro F. Schinder (Leloir Institute-CONICET. Buenos Aires, Argentina)

- **“ION CHANNELS AND DISEASES OF THE NERVOUS SYSTEM”**
2-4 NOVEMBER 2010

Organizers: **Ricardo Dolmetsch** (Stanford University. Stanford, USA)
Isabel Pérez-Otaño (Centro de Investigación Médica Aplicada (CIMA). Pamplona, Spain)
Álvaro Villarroel (CSIC-UPV/EHU, Universidad del País Vasco. Leioa (Vizcaya), Spain)

- **“PSEUDOMONAS AERUGINOSA: OPPORTUNISTIC PATHOGEN AND HUMAN INFECTIONS”**
8-10 NOVEMBER 2010

Organizers: **Sophie de Bentzmann** (CNRS, Institut de Microbiologie de la Méditerranée. Marseille, France)
Søren Molin (Technical University of Denmark. Lyngby, Denmark)
Juan Luis Ramos (Estación Experimental del Zaidín, CSIC. Granada, Spain)

- **“THE CENTROSOME: STRUCTURE, FUNCTION AND DYNAMICS”**
15-17 NOVEMBER 2010

Organizers: **José María Carazo** (Centro Nacional de Biotecnología – CSIC. Madrid, Spain)
Rosa M. Ríos (Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER). Sevilla, Spain)
Luis Serrano (Centre de Regulació Genòmica (CRG). Barcelona, Spain)

2011:

- **“FRONTIERS IN EPIGENOMICS”**
17-19 OCTOBER 2011

Organizers: **Jorge Ferrer** (Institut d'Investigacions Biomèdiques August Pi i Sunyer, Hospital Clínic de Barcelona. Barcelona, Spain)
Klaus H. Kaestner (University of Pennsylvania School of Medicine. Philadelphia, USA)

- **“THE BIOLOGY OF INTRACELLULAR BACTERIAL PATHOGENS”**
24-26 OCTOBER 2011

Organizers: **Jorge E. Galán** (Yale University School of Medicine, New Haven, USA)
Francisco García-del Portillo (Centro Nacional de Biotecnología, CNB-CSIC, Madrid, Spain)

- **“MOLECULAR AND CELLULAR BASES OF REDOX SIGNALING AND OXIDATIVE STRESS: IMPLICATIONS IN BIOMEDICINE”**
2-4 NOVEMBER 2011

Organizers: **Santiago Lamas** (Centro de Biología Molecular “Severo Ochoa”, CSIC-Universidad Autónoma de Madrid, Madrid, Spain)
Lawrence J. Marnett (Vanderbilt Institute of Chemical Biology, Vanderbilt University School of Medicine, Nashville, USA)
Rafael Radi (Center for Free Radical and Biomedical Research, Universidad de la República, Montevideo, Uruguay)

- **“LIVER AND PANCREAS: FROM DEVELOPMENT TO DISEASE”**
14-16 NOVEMBER 2011

Organizers: **David A. Cano** (Instituto de Biomedicina de Sevilla (IBiS) / Hospital Universitario Virgen del Rocío, Sevilla, Spain)
Matthias Hebrok (Diabetes Center, University of California San Francisco, San Francisco, USA)
Didier Stainier (Department of Biochemistry and Biophysics, Liver Center and Diabetes Center, University of California San Francisco, San Francisco, USA)

- **“THE ENEMY WITHIN: ENDOGENOUS DNA DAMAGE AS A SOURCE OF CANCER AND AGEING”**
17-19 NOVEMBER 2011

Organizers: **Oscar Fernández-Capetillo** (Spanish National Cancer Research Centre (CNIO), Madrid, Spain)
Jiri Lukas (Institute of Cancer Biology and Centre for Genotoxic Stress Research, Danish Cancer Society, Copenhagen, Denmark)
André Nussenzweig (National Cancer Institute, NIH, Bethesda, USA)

2012:

- **“THE MICROBIOME: ROLE IN HEALTH AND DISEASE”**

8-10 OCTOBER 2012

Organizers: **Francisco Guarner** (University Hospital Vall d’Hebron. Barcelona, Spain)
Lora V. Hooper (The University of Texas Southwestern Medical Center at Dallas. Dallas, USA)
Gabriel Núñez (University of Michigan Medical School. Ann Arbor, USA)

- **“SYSTEMS BIOLOGY OF T CELLS: CLINICAL, EXPERIMENTAL AND THEORETICAL APPROACHES”**

22-24 OCTOBER 2012

Organizers: **Balbino Alarcón** (Centro de Biología Molecular “Severo Ochoa”, CSIC-UAM. Madrid, Spain)
José Faro (Universidade de Vigo. Vigo, Spain)
Carmen Molina-París (School of Mathematics, University of Leeds. Leeds, UK)

- **“NEUROEPIGENETICS: A NEW PERSPECTIVE ON MEMORY MECHANISMS AND BRAIN DISORDERS”**

29-31 OCTOBER 2012

Organizers: **Ángel Barco** (Instituto de Neurociencias de Alicante, Universidad Miguel Hernández/CSIC. Sant Joan d'Alacant (Alicante), Spain)
Richard G. M. Morris (Centre for Cognitive and Neural Systems, University of Edinburgh. Edinburgh, UK)
Li-Huei Tsai (Picower Institute for Learning and Memory, MIT, HHMI. Cambridge, USA)

- **“MOLECULAR MECHANISMS OF INNER EAR DEVELOPMENT”**

5-7 NOVEMBER 2012

Organizers: **Doris K. Wu** (National Institute on Deafness and Other Communication Disorders (NIDCD), NIH. Rockville, USA)
Matthew W. Kelley (National Institute on Deafness and Other Communication Disorders (NIDCD), NIH. Bethesda, USA)
Fernando Giráldez (Universitat Pompeu Fabra, Parc de Recerca Biomèdica de Barcelona. Barcelona, Spain)

2013:

- **“MEMBRANE TRAFFIC AT THE SYNAPSE. THE CELL BIOLOGY OF SYNAPTIC PLASTICITY”**

7-9 OCTOBER 2013

Organizers: **José A. Esteban** (Centro de Biología Molecular “Severo Ochoa,” CSIC-UAM. Madrid, Spain)
Juan Lerma (Instituto de Neurociencias de Alicante, Universidad Miguel Hernández (UMH-CSIC). Sant Joan d'Alacant (Alicante), Spain)
Thomas L. Schwarz (F.M. Kirby Neurobiology Center, Children's Hospital Boston, and Harvard Medical School. Boston, USA)

- **“THE HEMATO-VASCULAR SYSTEM: DEVELOPMENT AND DISEASE”**

21-23 OCTOBER 2013

Organizers: **Simón Méndez-Ferrer** (Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC). Madrid, Spain)
María-José Sánchez (Centro Andaluz de Biología del Desarrollo (CABD), CSIC, Universidad Pablo de Olavide. Sevilla, Spain)
Elaine Dzierzak (Erasmus Medical Center, Erasmus MC Stem Cell Institute. Rotterdam, The Netherlands)

- **“GENE EXPRESSION AS A CIRCULAR PROCESS: CROSS-TALK BETWEEN TRANSCRIPTION AND mRNA DEGRADATION IN EUKARYOTES”**

4-6 NOVEMBER 2013

Organizers: **Sebastián Chávez** (Departamento de Genética, Universidad de Sevilla. Sevilla, Spain)
Mordechai Choder (Faculty of Medicine, Technion-Israel Institute of Technology. Haifa, Israel)
José E. Pérez-Ortín (Facultad de Biológicas, Universitat de València. Burjassot (Valencia), Spain)

- **“THE REGULATORY ROLES OF ncRNA”**

18-20 NOVEMBER 2013

Organizers: **Maite Huarte** (Center for Applied Medical Research (CIMA), University of Navarra. Pamplona, Spain)
John L. Rinn (Harvard University / The Broad Institute of Massachusetts Institute of Technology and Harvard. Cambridge, USA)

2014:

- **“CARDIOVASCULAR EXTRACELLULAR MATRIX IN HEALTH AND DISEASE”**

6-8 OCTOBER 2014

Organizers: **Harry C. Dietz** (Institute of Genetic Medicine and HHMI, Johns Hopkins University School of Medicine. Baltimore, USA)
Nadia Mercader (Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC). Madrid, Spain)
Paul R. Riley (Department of Physiology, Anatomy and Genetics, University of Oxford. Oxford, UK)

- **“PROTEASES AT WORK: CUES FOR UNDERSTANDING NEURAL DEVELOPMENT AND DEGENERATION”**

20-22 OCTOBER 2014

Organizers: **Paola Bovolenta** (Centro de Biología Molecular “Severo Ochoa”, CSIC-UAM. Madrid, Spain)
Paul Saftig (Institut für Biochemie, Christian-Albrechts-Universität zu Kiel. Kiel, Germany)

- **“RNA MEETS DNA: ON THE ROAD TO GENOME INSTABILITY”**

3-5 NOVEMBER 2014

Organizers: **Andrés Aguilera** (Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER), Universidad de Sevilla-CSIC. Sevilla, Spain)
Karlene A. Cimprich (Stanford University School of Medicine. Stanford, USA)
Marco Foiani (IFOM, The FIRC Institute of Molecular Oncology Foundation / Università degli Studi di Milano. Milan, Italy)

- **“COMPARATIVE AND FUNCTIONAL GENOMICS OF FUNGAL PATHOGENS”**

17-19 NOVEMBER 2014

Organizers: **Antonio Di Pietro** (Departamento de Genética, Universidad de Córdoba. Córdoba, Spain)
Toni Gabaldón (Centre for Genomic Regulation (CRG) and Universitat Pompeu Fabra (UPF). Barcelona, Spain)
Neil A. R. Gow (Institute of Medical Sciences, University of Aberdeen. Aberdeen, UK)

2015:

- **“DEVELOPMENT AND ADULT NEUROGENESIS IN THE CENTRAL NERVOUS SYSTEM”**

5-7 OCTOBER 2015

Organizers: **Salvador Martínez** (Instituto de Neurociencias de Alicante, UMH-CSIC. Sant Joan d'Alacant (Alicante) / IMIB-Arrixaca. Murcia; Spain)
Harukazu Nakamura (Frontier Research Institute for Interdisciplinary Science (FRIS), Tohoku University. Sendai, Japan)

- **"EMBO WORKSHOP ON “CELL DIVISION: MOLECULAR MACHINERIES AND CANCER TARGETED THERAPIES” WITH CO-SPONSORSHIP FROM UNIA"**

19-21 OCTOBER 2015

Organizers: **Amancio Carnero** (Instituto de Biomedicina de Sevilla (IBiS), CSIC/Universidad de Sevilla. Sevilla, Spain)
Marcos Malumbres (Spanish National Cancer Research Centre (CNIO). Madrid, Spain)
Guillermo Montoya (Novo Nordisk Foundation Center for Protein Research, University of Copenhagen. Copenhagen, Denmark)

- **“ADAPTATION AND COMMUNICATION OF BACTERIAL PATHOGENS”**

26-28 OCTOBER 2015

Organizers: **Laurent Aysel** (Institut de Microbiologie de la Méditerranée, CNRS – Aix-Marseille Université. Marseille, France)
Carmen R. Beuzón (Instituto de Hortofruticultura Subtropical y Mediterránea “La Mayora”, Universidad de Málaga-Consejo Superior de Investigaciones Científicas (IHSM-UMA-CSIC). Málaga, Spain)
Eric Cascales (Institut de Microbiologie de la Méditerranée, CNRS – Aix-Marseille Université. Marseille, France)

- **“THE NUCLEAR LAMINA IN HEALTH AND DISEASE”**
16-18 NOVEMBER 2015

Organizers: **Vicente Andrés** (Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC). Madrid, Spain)
Peter Askjaer (Andalusian Center for Developmental Biology (CABD), CSIC/Junta de Andalucía/Universidad Pablo de Olavide. Sevilla, Spain)
Tom Misteli (National Cancer Institute, National Institutes of Health (NIH). Bethesda, USA)

2016:

- **“CHAPERONES IN THE MAINTENANCE OF CELLULAR PROTEOSTASIS”**
17-19 OCTOBER 2016

Organizers: **José María Valpuesta** (Centro Nacional de Biotecnología (CNB-CSIC). Madrid, Spain)
Ana María Cuervo (Institute for Aging Studies, Albert Einstein College of Medicine. New York, USA)
Cintia Roodveldt (CABIMER-Andalusian Center for Molecular Biology and Regenerative Medicine. Sevilla, Spain)

- **“STEPS TOWARDS PERSONALIZED THERAPY: FUNCTIONAL GENOMICS, GENETIC SCREENINGS AND ANIMAL MODELS”**
7-9 NOVEMBER 2016

Organizers: **Fernando Casares** (ICABD (Andalusian Centre for Developmental Biology), CSIC-Universidad Pablo de Olavide-Junta de Andalucía. Sevilla, Spain)
Marcelo A. Nóbrega (Department of Human Genetics, University of Chicago. Chicago, USA)
Luiz O. F. Penalva (Children's Cancer Research Institute, University of Texas Health Science Center at San Antonio. San Antonio, USA)

2017:

- **“SYNAPSE FORMATION, SPECIFICATION AND ELIMINATION: FROM MOLECULES TO CIRCUITS”**

25-27 SEPTIEMBRE 2017

Organizers: **Rafael Fernández-Chacón** (Instituto de Biomedicina de Sevilla (IBiS) HUVR/CSIC/Universidad de Sevilla and CIBERNED. Sevilla, Spain)
Thomas C. Südhof (Howard Hughes Medical Institute, Stanford University School of Medicine. Stanford, USA)

- **“UNDERSTANDING THE BENEFICIAL ROLE OF THE MICROBIOTA IN ANIMALS AND PLANTS”**

9-11 OCTOBER 2017

Organizers: **Yasmine Belkaid** (National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH). Bethesda, USA)
Gabriel Núñez (Comprehensive Cancer Center, University of Michigan Medical School. Ann Arbor, USA)
Paul Schulze-Lefert (Max Planck Institute for Plant Breeding Research. Cologne, Germany)

- **“NONCODING RNA-MEDIATED METABOLIC REGULATION IN HEALTH AND DISEASE”**

6-8 NOVEMBER 2017

Organizers: **Carlos Fernández-Hernando** (Yale University School of Medicine. New Haven, USA)
Santiago Lamas (Centro de Biología Molecular "Severo Ochoa", CSIC-Universidad Autónoma de Madrid. Madrid, Spain)

- **“CHROMOSOMAL INSTABILITY: FROM MOLECULAR MECHANISMS TO DISEASE”**

13-15 NOVEMBER 2017

Organizers: **Guillermo de Cárcer** (Spanish National Cancer Research Centre (CNIO). Madrid, Spain)
Pablo Huertas (Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER); Universidad de Sevilla. Sevilla, Spain)
Andrés J. López-Contreras (Center for Chromosome Stability (CCS) and Center for Healthy Aging, Panum Institute, University of Copenhagen. Copenhagen, Denmark)

2018:

- **“CHROMOSOME ARCHITECTURE AND TOPOLOGICAL STRESS”**
8-10 OCTOBER 2018

Organizers: **Felipe Cortés-Ledesma** (Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER), CSIC. Sevilla, Spain)
Erez Lieberman Aiden (Baylor College of Medicine and Rice University. Houston, USA)
André Nussenzweig (National Cancer Institute, NIH. Bethesda, USA)

- **“THE CELL BIOLOGY BEHIND THE ONCOGENIC PIP3 LIPIDS”**
15-17 OCTOBER 2018

Organizers: **Ana C. Carrera** (Centro Nacional de Biotecnología, CNB-CSIC. Madrid, Spain)
Richard A. Anderson (University of Wisconsin-Madison, School of Medicine and Public Health. Madison, USA)
Bart Vanhaesebroeck (UCL Cancer Institute, University College London. London, UK)

- **“GENOMIC PARASITES AND NONCODING RNA IN EVOLUTION AND DISEASE”**
29-31 OCTOBER 2018

Organizers: **Jordi Gómez** (Instituto de Parasitología y Biomedicina "López-Neyra", CSIC. Granada, Spain)
Andreas Werner (Institute for Cell and Molecular Biosciences, Newcastle University. Newcastle upon Tyne, UK)

- **“CONTRIBUTION OF BACTERIAL INJECTION SYSTEMS TO HUMAN DISEASE”**
5-7 NOVEMBER 2018

Organizers: **Sophie Bleves** (Institut de Microbiologie de la Méditerranée, CNRS, Aix-Marseille University. Marseille, France)
Jorge E. Galán (Yale University School of Medicine. New Haven, USA)
Matxalen Llosa (Universidad de Cantabria, Instituto de Biomedicina y Biotecnología de Cantabria (IBBTEC, UC-CSIC-SODERCAN). Santander, Spain)

2019:

- **“FROM CANCER TO DEVELOPMENTAL DEFECTS: THE CONTROL OF DNA SEGREGATION AND HUMAN DISEASE”**

14-16 OCTOBER 2019

Organizers: **Adele L. Marston** (Wellcome Centre Cell Biology, Institute of Cell Biology, School of Biological Sciences, University of Edinburgh. Edinburgh, UK)
Fernando Monje-Casas (Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER), Consejo Superior de Investigaciones Científicas (CSIC). Sevilla, Spain)
Joan Roig (Institut de Biologia Molecular de Barcelona (IBMB-CSIC). Barcelona, Spain)

- **“FROM GENES TO ORGANISMS: TRANSCRIPTIONAL CONTROL IN DEVELOPMENT AND DISEASE”**

28-30 OCTOBER 2019

Organizers: **Eileen E. M. Furlong** (Genome Biology Unit, European Molecular Biology Laboratory (EMBL). Heidelberg, Germany)
Darío G. Lupiáñez (Epigenetics and Sex Development Group, Berlin Institute for Medical Systems Biology, Max-Delbrück Center for Molecular Medicine. Berlin-Buch, Germany)
Axel Visel (Environmental Genomics and Systems Biology Division, Lawrence Berkeley National Laboratory. Berkeley, USA)

- **“ACTIN-BASED MECHANOSENSATION AND FORCE GENERATION IN HEALTH AND DISEASE”**

11-13 NOVEMBER 2019

Organizers: **Alexis Gautreau** (Ecole Polytechnique / CNRS UMR7654, Institut Polytechnique de Paris. Paris, France)
Pekka Lappalainen (Institute of Biotechnology, University of Helsinki. Helsinki, Finland)
Miguel Vicente-Manzanares (Centro de Investigación del Cáncer-Instituto de Biología Molecular y Celular del Cáncer, CIC-IBMCC (CSIC-Universidad de Salamanca). Salamanca, Spain)

- **“MOLECULAR CAUSES OF PRIMARY MICROCEPHALY AND RELATED DISEASES”**

18-20 NOVEMBER 2019

Organizers:

Fanni Gergely (Cancer Research UK Cambridge Institute, Li Ka Shing Centre, University of Cambridge. Cambridge, UK)

Ciaran G. Morrison (Centre for Chromosome Biology, School of Natural Sciences, National University of Ireland Galway. Galway, Ireland)

Travis H. Stracker (Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology. Barcelona, Spain)