

IBMB

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Vicedirectors: *M. Solà, G. P. Vicent*

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IBMB Committees
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Research

Department of Structural And Molecular Biology (*J. Roca*)

Chromatin structure and function (<i>F. Azorin</i>)
Protein & Nucleic Acid Complexes and Machines (<i>M. Coll</i>)
Oxidative Stress Systems (<i>I. Fita</i>)
Structural Systems Biology (<i>H. García-Seisdedos</i>)
Proteolysis Laboratory (<i>F. X. Gomis</i>)
Regulation of human and viral gene expression (<i>A. Jordan</i>)
Protein Design and Modeling (<i>E. Marcos</i>)
Molecular signaling and chromatin (<i>M. Martínez</i>)
DNA Topology (<i>J. Roca</i>)
Mitochondrial Macromolecules (<i>M. Solà</i>)
Crystallographic methods (<i>I. Usón</i>)
Virus and large biological complexes (<i>N. Verdaguer</i>)
Chromatin and gene regulation (<i>G. Vicent</i>)
Molecular mechanisms of pre-mRNA splicing (<i>J. Vilardell</i>)

Department of Cells and Tissues (*M. Llimargas*)

Spatial control of biomolecular dynamics (<i>M. Aldea</i>)
Intracellular Signaling (<i>A. Aragay</i>)
Proliferation and differentiation of the nervous system (<i>M. Arbonés</i>)
Cell signalling and morphogenesis (<i>J. Casanova</i>)
Regulation of the proteasome (<i>B. Crosas</i>)
Control of local mRNA expression (<i>C. Gallego</i>)
The endocytic pathway and the actin cytoskeleton (<i>M. Geli</i>)
Gene expression and signalling (<i>G. Jiménez</i>)
Mitochondria, redox and metabolic diseases (<i>M. Liesa</i>)
Mechanisms of morphogenesis and organogenesis (<i>M. Llimargas</i>)
Development of the Nervous System in health and disease (<i>E. Martí</i>)
Signalling events controlling cell migration during morphogenesis (<i>E. Martín-Blanco</i>)
Epigenetics and metabolism (<i>M. Pérez</i>)
Neural Proliferation Control (<i>S. Pons</i>)
Cell Cycle and Signaling (<i>J. Roig</i>)
Centrosome-cilia in normal and pathological neural development (<i>M. Saade</i>)
Cell signalling, ubiquitin and cancer (<i>T. Thomson</i>)

Technological Platforms and Services

Automated Crystallography (PAC) (<i>J. Pous</i>)
Molecular Imaging (<i>E. Rebollo</i>)
Cryo-Electron Microscopy (CRIO-TEM-BIO) (<i>P. Guerra</i>)
Genomics, Transcriptomics and Data analysis
Protein purification
Histology
Cell Culture Media