

Research groups at the Department of Experimental and Health Sciences, UPF, and associated groups.

#### Cell and Molecular Biology Program

Group	Group Leader(s)
<a href="#">Molecular Physiology</a>	<a href="#">Miguel Ángel Valverde</a> and <a href="#">Francisco J. Muñoz</a>
<a href="#">Myogenesis Inflammation and Muscle Function</a>	<a href="#">Joaquim Gea</a>

#### Molecular Medicine Program

Group	Group Leader(s)
<a href="#">Oxidative Stress and Cell Cycle</a>	<a href="#">Elena Hidalgo</a> and <a href="#">José Ayté</a>
<a href="#">Inhibitory and activating receptors of the innate immune system</a>	<a href="#">Miguel López-Botet</a>
<a href="#">Doping Control Research Group</a>	<a href="#">Rosa Ventura</a>
<a href="#">Genitourinary Cancer</a>	<a href="#">Josep Lloreta</a>

#### Evolutionary Biology and Complex Systems

Group	Group Leaders
<a href="#">Human Genome Diversity</a>	<a href="#">David Comas</a>
<a href="#">Genomics of Individuality</a>	<a href="#">Francesc Calafell</a>
<a href="#">Evolutionary Genomics</a>	<a href="#">Arcadi Navarro</a>
<a href="#">Comparative Genomics</a>	<a href="#">Tomàs Marguès</a>
<a href="#">Language Evolution</a>	<a href="#">Luc Steels</a>
<a href="#">Complex Systems</a>	<a href="#">Ricard Solé</a>

## Biomedical Informatics

Group	Group Leaders
<a href="#">Pharmacoinformatics</a>	<a href="#">Manuel Pastor</a>
<a href="#">Structural Bioinformatics</a>	<a href="#">Baldo Oliva</a>
<a href="#">Computational RNA Biology</a>	<a href="#">Eduardo Eyras</a>
<a href="#">Functional Genomics</a>	<a href="#">Robert Castelo</a>
<a href="#">Computational Biophysics</a>	<a href="#">Gianni de Fabritiis</a>
<a href="#">Bioinformatics and Genomics</a>	<a href="#">Roderic Guigó</a>
<a href="#">Evolutionary Genomics</a>	<a href="#">Mar Albà</a>
<a href="#">GPCR Drug Discovery</a>	<a href="#">Jana Selent</a>

## Genetics and Neurosciences

Group	Group Leaders
<a href="#">Neuropharmacology</a>	<a href="#">Rafael Maldonado</a> , <a href="#">Andrés Ozaita</a> and <a href="#">Josep Eladi Baños</a>
<a href="#">Genetics</a>	<a href="#">Luis Pérez Jurado</a>
<a href="#">NeuroPsycoPharmacology</a>	<a href="#">Rafael de la Torre</a>

## Systems Bioengineering

Group	Group Leader
<a href="#">Single-cell behavior</a>	<a href="#">Lucas Carey</a>
<a href="#">Translational Synthetic Biology</a>	<a href="#">Marc Güell</a>
TBD	<a href="#">Javier Macia</a>
<a href="#">Integrative Biomedical Materials and Nanomedicine</a>	<a href="#">Pilar Rivera Gil</a>

## Transversal Program

Group	Group Leaders
<a href="#">Occupational Health (CISAL)</a>	<a href="#">Fernando García Benavides</a>
Education in Health Sciences	<a href="#">Josep Eladi Baños</a>
<a href="#">Studies Center on Science, Communication and Society</a>	<a href="#">Gema Revuelta</a>

Institute of Evolutionary Biology (CSIC-UPF)

Program on Animal Biodiversity and Evolution

Group	Group Leaders
<a href="#">Phylogeny and Phylogeography of Mammals</a>	<a href="#">Jose Castresana</a>
<a href="#">Systematics, Biogeography and Evolution of Reptiles</a>	<a href="#">Salvador Carranza</a>
<a href="#">Water and Cave Beetle Evolution</a>	<a href="#">Ignacio Ribera</a>
<a href="#">Herbivore Beetle Evolution</a>	<a href="#">Jesús Gómez-Zurita</a>

Program on Comparative and Computational Genomics<sup>(\*)</sup>

Group	Group Leaders
<a href="#">Paleogenomics</a>	<a href="#">Carles Lalueza-Fox</a>
<a href="#">Evolutionary and Functional Genomics</a>	<a href="#">Josefa González</a>

(\*)see also Evolutionary Genomics and Comparative Genomics in the UPF Evolutionary Biology and Complex Systems Program

Program on Functional Genomics and Evolution

Group	Group Leaders
<a href="#">Evolution of Insect Metamorphosis</a>	<a href="#">Xavier Bellés</a>
<a href="#">Nutritional signals in Insects</a>	<a href="#">José Luis Maestro</a>
<a href="#">Insect Reproduction</a>	<a href="#">María Dolors Piulachs</a>
<a href="#">Morphology and Signalling</a>	<a href="#">Xavier Franch</a>
<a href="#">Nuclear Hormone Receptors in Insect Dev.</a>	<a href="#">David Martín</a>
<a href="#">Multicell Genome</a>	<a href="#">Iñaki Ruiz</a>
<a href="#">Transposable Elements and Host Genomes</a>	<a href="#">Elena Casacuberta</a>