



Pompeu Fabra University



# DCEXS

Faculty of Health and  
Life Sciences

Department of  
Experimental and Health  
Sciences

<https://www.upf.edu/cexs/>



# The DCEXS

- International Campus of Excellence
- María de Maeztu Unit
- AQU certifications





# Studies

## Degrees

- Human Biology (240 ECTS)
- Medicine (360 ECTS)
- Biomedical Engineering (240 ECTS)
- Bioinformatics (180 ECTS)

## Masters

- Biomedical Research (60 ECTS)
- Bioinformatics for Health Science (120 ECTS)
- Pharmaceutical and Biotechnology Industry (60 ECTS)
- Clinical Analysis Laboratory (60 ECTS)
- Public Health (120 ECTS)

## PhD in Biomedicine

- Multidisciplinary research projects & collaborative international environment

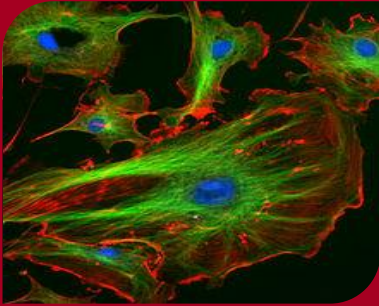
Teaching  
mentorship  
program

Teaching  
training  
program

Campus Junior

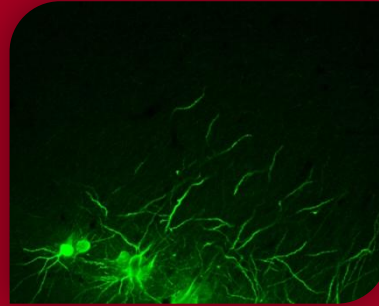
High school  
research  
projects

## Cell and Molecular Biology



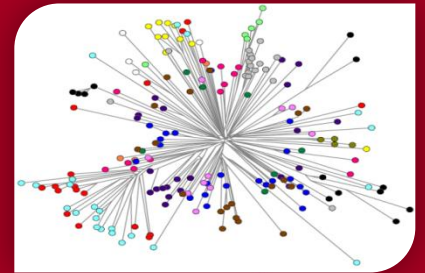
A depth insight on intracellular mechanisms in response to different stimuli including stress or harmful molecules and viruses

## Molecular Medicine



Focused on the molecular mechanisms underlying physiological processes and the diseases associated with them

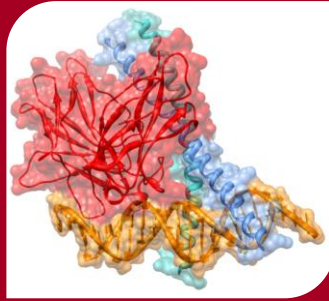
## Evolutionary Biology and Complex Systems



Study of the processes and mechanisms generating all aspects of the diversity of life, specially the ones related to its complexity

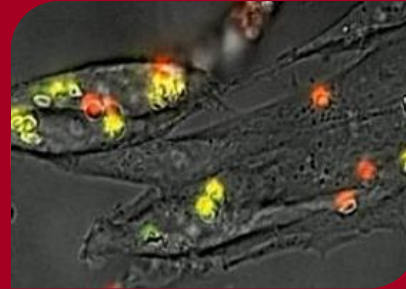
# Research Programs

## Biomedical Informatics



Development and application of computational methods and tools for a better understanding and prediction of biological phenomena, such as human diseases and their treatment

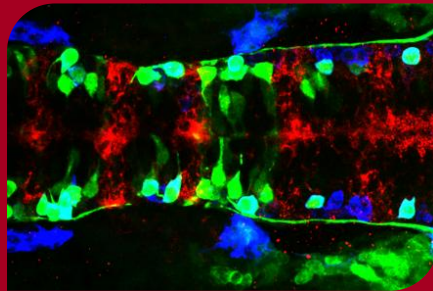
## Systems Bioengineering



Devoted to acquire, interpret and use quantitative knowledge of biological processes using systems-level approaches

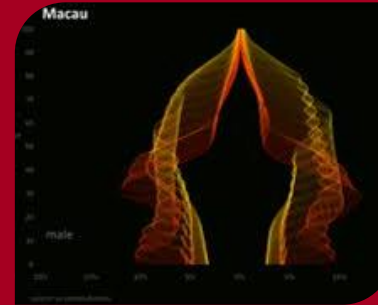
# Research Programs

## Genetics and Neurosciences



Understanding genetic and molecular basis of development, function and disease of the Nervous System

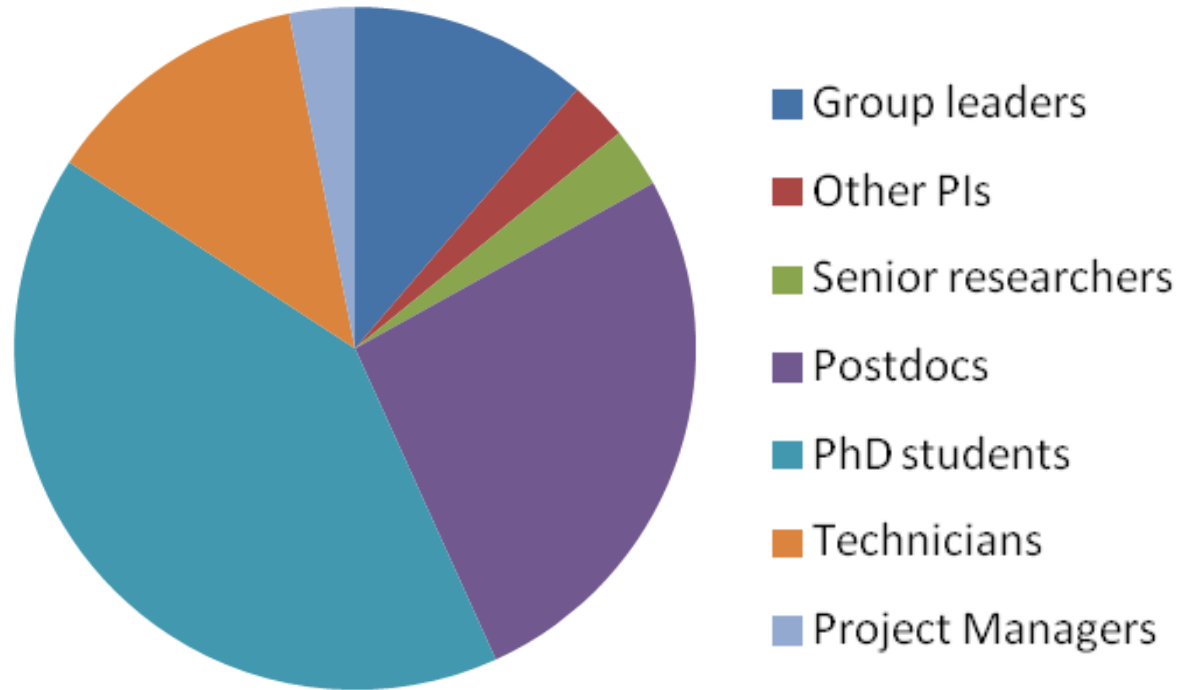
## Public Health and Education in Health Sciences



Epidemiological research on occupational, environmental, and social health determinants; research in education, and research for science and society

# Our research

354 Researchers





# Our research

	<b>Recent Publications in International Journals</b>					
	<b>Documents</b>	<b>Citations</b>	<b>Q1</b>	<b>%Q1</b>	<b>D1</b>	<b>%D1</b>
<b>Publications 2015</b>	192	459	161	83,85%	130	67,71%
<b>Publications 2014</b>	186	1868	157	84,41%	122	65,59%
<b>Publications 2013</b>	198	3219	161	81,31%	108	54,55%

**Q1:** First Quartile; **D1:** First Decile





# Our research

## Facts & figures

**34** International Grants

**50** National Grants

**59** Contracts with international companies

**138** Contracts with non-profit entities

**10** Patents

**4** Spin-Off companies

Weekly seminars

Internationality of staff

Collaborations with hospitals

RRI