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 Programs

- Teaching mentorship program
- Teaching training program
- Campus Junior
- High school research projects
Research Programs

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.
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

- Group leaders
- Other PIs
- Senior researchers
- Postdocs
- PhD students
- Technicians
- Project Managers
Recent Publications in International Journals

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_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