



MBCM at a glance

Courses:

Advanced level taught by national and international experts

Laboratory rotations:

CNC, UC-Biotech, iCBR, ICNAS, CHUC and other institutes (national and international)

Courses in English

Research work leading to thesis: one year

Key features

Research-oriented training
Teaching in English
Emphasis on experimental strategies
Problem solving-based learning
Laboratory rotations
Flexible curriculum
International students
Collaboration with international programs

Areas of study

Neuroscience
Brain Diseases
Reproduction Biology
Cellular & Mitochondria Toxicology
Cancer Biology
Host-pathogen Interactions
Stem Cells and Regenerative Medicine

Main Collaborations

CNC - Center for Neuroscience and Cell Biology, University of Coimbra

iCBR - Coimbra Institute for Clinical and Biomedical Research

Neurasmus: The European Master Program in Neuroscience

Janssen Pharmaceutica, Beerse, Belgium

VIB Discovery Sciences, Leuven, Belgium

Università degli Studi del Sannio, Italy (Double degree)

InnoCore: Core technologies for education and innovation in life science



MBCM Alumni - their opinion

"Everything I have done so far, from the most basic technical methodologies to the most elaborated theoretical treatment of complex subjects, has been supported by what I have learned, ten years ago, during the MBCM."

Carlos Matos, University of Algarve

"The training given by this master's degree turned me into a well-rounded scientist and had a decisive contribution when engaging my PhD."

Tiago Campelo, University of Bordeaux

"Receiving my master's degree in Cellular and Molecular Biology from the University of Coimbra was a great way to step into the research world."

Andrea Marques, University of California San Francisco

Why choose MBCM

- Train for a **career in biomedical research**.
- Develop **technical and analytical skills**.
- Become exposed to an **international research environment**.
- Acquire **evidence-based understanding** of fundamental concepts.
- Build proficiency in advanced models from **in silico to in vivo**.
- **Understand mechanisms of disease**.
- Learn the **design of advanced diagnostic and therapeutic strategies**.
- Foster **critical and creative thinking**.
- Be **mentored by world-leading experts**.
- Join a program that has functioned **uninterruptedly since 1982**.
- Enjoy a **unique environment at the University Coimbra** – a hub of Biotechnology and Biomedical research.
- Become well-prepared for a **PhD or job in biotech or industry**.

