

Ph.D. PROGRAM IN BIOCHEMISTRY, MOLECULAR BIOLOGY AND BIOMEDICINE

General information
PhD program

[Web UAB – ESCOLA DE DOCTORAT](#)

[Departament de Bioquímica i Biologia Molecular, UAB](#)

doctorat.bioquimica@uab.cat

UAB

Universitat Autònoma
de Barcelona

[Welcome to Universitat Autònoma de Barcelona - UAB Barcelona](#)

ADVICE TO PROSPECTIVE Ph.D. STUDENTS

Check whether your academic training allows you [access to a Ph.D.](#)

Study publications in the field of your interest to choose the most suitable Ph.D. directors

Email your preferred Ph.D. director to discuss with him/her possibilities of funding

After director – student agreement, you need to be accepted by a [tutor of our Ph.D. program](#)

Then you can start Ph.D. program admission

Ph.D.s performed at the Department and associated research institutes:

Department of Biochemistry and Molecular Biology, UAB

Vall d'Hebron Research Institute (VHIR)

Ph.D. directors can be from other institutions (VHIO, Sant Pau, IGTP, others)

Coordinator: Dr. Jordi Ortiz email: doctorat.bioquimica@uab.cat

CAPD (Academic Committee of the Doctorate Program) with Coordinator + 5 tutors of the program

Adminsitrated by the Departament of Biochemistry and Molecular Biology, UAB

Structured in 6 research lines:

1. Signal Transduction and Cell Signalling
2. Gene Regulation, Structure and Function of Macromolecules
3. Genomics, Proteomics and Bioinformatics
4. Genetically Modified Animals and Gene Therapy
5. Molecular Biophysics and its Application to Biomedicine
6. Clinical Biochemistry, Molecular Pathology and Pharmacology

Tutors:

- 60 professors tutors
- Assist students and directors interaction with Ph.D. program, requirements, coordination and CAPD
- Have obtained more than 21 million euros in research projects and contracts from 2013 to 2017
- Have published more than 780 papers from 2013 to 2017

FORMATIVE ACTIVITIES

MANDATORY

Assistance to at least 5 conferences or seminaris / course

Assistance and presentation of a communication to a scientific congress

Assistance and presentation of an oral communication or poster to the Jornadas Científicas del Departament (in June, every year; this year 12-13 June 2023)

OPTIONAL

Decided by Ph.D. director, assisted by tutor

Transversal activities organized by the UAB Doctorate School, decided by student and director

Students

- 169 current students
- 30 - 40 new theses every academic course
- 17 % foreign students
- 59 % students are female
- 95 % Ph.D.s are full-time
- More than 95 % of students are not required complementary formation
- 90% Ph.D. students are paid during tesis

Ph.D. theses

- 25 - 35 theses defenses per year
- Thesis length up to 5 years full time, 8 years part-time
- 80 – 90 % theses obtain maximum grade Excellent *cum laude*
- 20 - 29 % Ph.D.s with International Mention
- Formative activities centered in result dissemination, conferences and seminars
- 1 – 3 % abandonment



Accreditation of Excellence

This PhD Program has obtained the Accreditation of Excellence by the Catalan Agency of Quality ([AQU](#)).

The accreditation revised the following items:

- Formative program
- Public information
- Tutors C Vitae
- Learning methods
- Quality of results
- Internal systems to guarantee quality (SGIQ)

Feedback (Science studies)

2 / 3 students report having jobs requiring Ph.D.

Students in this branch report satisfaction scores around 7 – 8 (max. 10) after finishing

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ADMISSION PROCESS

April - Sept

Application

Revision and validation (Dept administration and PhD coordination)

Admission proposal to Doctorate School

Admission as UAB PhD student

October

Registration

Documents after registration

Study certificates/titles
Director acceptance letter
Tutor acceptance
+ English B2 level
Motivation letter
Compromise for interview with Ph.D. coordinator

Research project
Compromise document/
Formative activities
Good practice signature
Follow-up commission

FOLLOW-UP COMMITTEE

Objective: Verification of tesis course, solutions to problems, suggestions

Meeting July every year

Formed by three researchers with expertise in tesis subject, **proposed by director/tutor**

When Ph.D. directors are not from the Department or tutors of the Ph.D. program, one member of the committee has to be from the Department or tutor of the Ph.D. program

Gràcies per la vostra atenció

Questions?

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