

PhD Opportunities

Advanced Reproductive Technologies in Mammals

Universitat Autònoma de Barcelona (UAB)

We are seeking motivated **predoctoral candidates** to apply for competitive regional, national and international funding opportunities to join our group in reproductive biology.



Our research

Our project aims to decipher how **sperm genome integrity** influences fertility and early embryonic development, with a particular focus on how DNA breaks occurring in specific genomic regions affect reproductive efficiency.

You will receive interdisciplinary training in a broad range of reproductive biology and cutting-edge molecular and genomic techniques to uncover how specific DNA damage patterns affect reproductive efficiency in animal models.

Candidate profile

- Background in Biotechnology, Biomedical Sciences, Genetics, Biology, DVM, or related discipline.
- Excellent academic record ($\geq 8.5/10$) will be especially valued.
- Proficiency in written and spoken English (minimum B2 level).
- Strong motivation for scientific research, critical thinking, and excellent communication skills.
- Ability to work both independently and as part of a team.
- Eligibility to enroll in a PhD program at the Universitat Autònoma de Barcelona (Students currently enrolled in an MSc programme in 2026-2027 academic year are also welcome).
- Previous experience in molecular biology, genomics, reproductive biology, embryo manipulation, bioinformatics, or animal research will be considered an asset, although it is not essential.

We offer



International and collaborative research environment



Training in cutting-edge techniques



Opportunities to attend scientific conferences



High-impact publications



Full support for competitive fellowship applications

How to apply



Application deadline:
1st December 2026



Send your application to:
Jordi Ribas Maynou
(jordi.ribas@uab.cat)

Ariadna Delgado Bermúdez
(ariadna.delgado@uab.cat)

Subject line: **PhD position**



Attach the following documents:

- Detailed CV.
- Official academic transcripts for the BSc and MSc degrees (or the most recent available transcript if currently enrolled in a MSc programme), indicating the average grade (GPA).
- Contact details of potential referees (optional).

Applications will be considered on a **rolling basis** until suitable candidates are identified. We particularly encourage applications from excellent students interested in applying for highly competitive PhD fellowships.

