

Cancer Biology

Program Outline

Selected by the French "Investissements d'avenir" program, the Graduate Program in Cancer Biology focuses on knowledge, innovation and cross-disciplinarity, with the support of public research organizations – such as the French National Center for Scientific Research (CNRS), French National Institute of Health and Medical Research (Inserm), the Bordeaux University Hospital Centre, the Bergonié Comprehensive Cancer Centre, etc. The program is primarily research-oriented, with an emphasis on interdisciplinary approaches to the study of cancer. Our training addresses a wide range of topics related to the cellular and molecular mechanisms underlying cancer emergence and development, the tumor microenvironment, therapeutic approaches and current clinical care.

It focuses on lab immersion, starting from the Master's level (through internships), and provides the necessary background to carry on with a PhD degree in Health and life sciences (specializing in Cancer biology).

Admission Requirements

- › Hold a Master's degree in Biology or a relevant Life-sciences field
- › Demonstrate an excellent academic and scientific level
- › Demonstrate previous experience in a research laboratory.

Academic Cooperation

- › US: University of Arizona, Stanford University, City of Hope Medical Center
 - › Canada: McGill University
 - › Brazil: University of Porto Alegre
 - › Portugal: University of Lisbon
 - › Spain: University of Saragossa, University of Seville
- ... among other international partners of the University of Bordeaux in oncology labs.

Doctoral School

Health and life sciences

Program duration

3 years

Language Requirements

Program taught entirely in English, a C1 level according to the CEFR is required.

Fees and scholarships

- › PhD positions are offered on a yearly basis
- › International mobility grants and co-supervised theses are available upon application based on the program's academic collaborations.
- › Annual registration fees for all selected applicants are calculated according to the rules and regulations of the University of Bordeaux (approximately 400€).

Strengths

- › Close connections to the Oncosphere network of research laboratories, dealing with all current issues in oncology (CNRS, Inserm, and various University of Bordeaux and international labs).
- › State-of-the-art technologies for cancer modeling, diagnosis and treatments.



› A strong, interdisciplinary, research dynamic and learning environment, providing students with the possibility to interact with not only biologists, clinicians and other health-professionals, but also physicists, mathematicians, chemists, computer scientists and philosophers of science working in the field of cancer.

Program Structure

› Students will follow 100 hours of training during their PhD : 50 hours of general training including scientific integrity and ethics ; 50 hours of disciplinary training among the training offer, including technological and scientific training.

The international PhD-training includes:

- › Monthly seminar series in oncology.
- › Participating in various research projects within the Oncosphere labs and their partners worldwide.
- › Access to high-quality research-facilities.
- › Conferences, seminars, workshops on cancer organized by the Biological and medical sciences department, the Oncosphere research network, and/or the SIRIC BRIO.

- › Participating in the Great South-West Canceropole annual congress.
- › Participating in the Scientific Doctoral-School Day.
- › Organizing and participating in the Graduate-Program Cancer-Biology Scientific-Day (for graduate students and junior researchers), within the frame of the Oncosphere yearly-symposium.

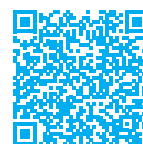
And after?

The Graduate Program in Cancer Biology prepares students for various career paths (research, teaching, project management, scientific mediation, etc.) in the academic as well as the private sector.

How to apply?

Applications are to be submitted online.

Website



Contact

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Juillet 2023 - direction de la communication - université de Bordeaux - photo © Gautier Dufau

Ce travail a bénéficié d'une aide de l'État gérée par l'Agence Nationale de la Recherche au titre du programme d'Investissements d'avenir portant la référence ANR-20-SFRI-0001.



Graduate Research School / université de BORDEAUX