

# Cardiac EP

## Program Outline

Selected by the French "Investissements d'avenir" program, the Cardiac EP Graduate-Program focuses on knowledge, innovation and cross-disciplinarity, with the support of public research organizations—such as the French National Center for Scientific Research (CNRS), the French National Institute of Health and Medical Research (Inserm), the Bordeaux University Hospital Centre, the French National Research Agency (ANR), etc. The program is primarily research-oriented, with an emphasis on interdisciplinary approaches to the study of cardiac electrophysiology and bio-engineering.

## Admission Requirements

- › Hold a Master's degree (300 ECTS) in a relevant field, such as : medical, biomedical, biological, pharmaceutical, veterinarian or engineering sciences.
- › Demonstrate an excellent academic and scientific level.
- › Demonstrate previous experience in a research laboratory.

## Doctoral School

- › Health and Life Sciences
- › Physics and Engineering
- › Mathematics and Computer Science

## 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

- › A unique multidisciplinary teaching program focusing on cardiac electrophysiology and arrhythmias.
- › Expertise of the Bordeaux Neurocampus research laboratories covering a wide variety of skills and technologies from basic to applied and translational research.
- › International mobility and/or training opportunities.
- › Access to international scientific networks via structured academic and industrial partnerships.
- › Cutting-edge facilities that feature technological innovations and provide graduates with hands-on training.



## Program Structure

The international PhD-training includes:

- › Monthly seminar series.
- › Participating in various research projects within the IHU Liryc lab and their partners.
- › 100hrs of additional courses, balanced between disciplinary (cardiac electrophysiology and bio-engineering) and complementary training (including ethics and entrepreneurship).

## And after?

The Cardiac EP Graduate-Program provides not only high-quality training in the field of cardiac electrophysiology, but also opportunities to collaborate with research centres and industrial partners internationally.

## How to apply?

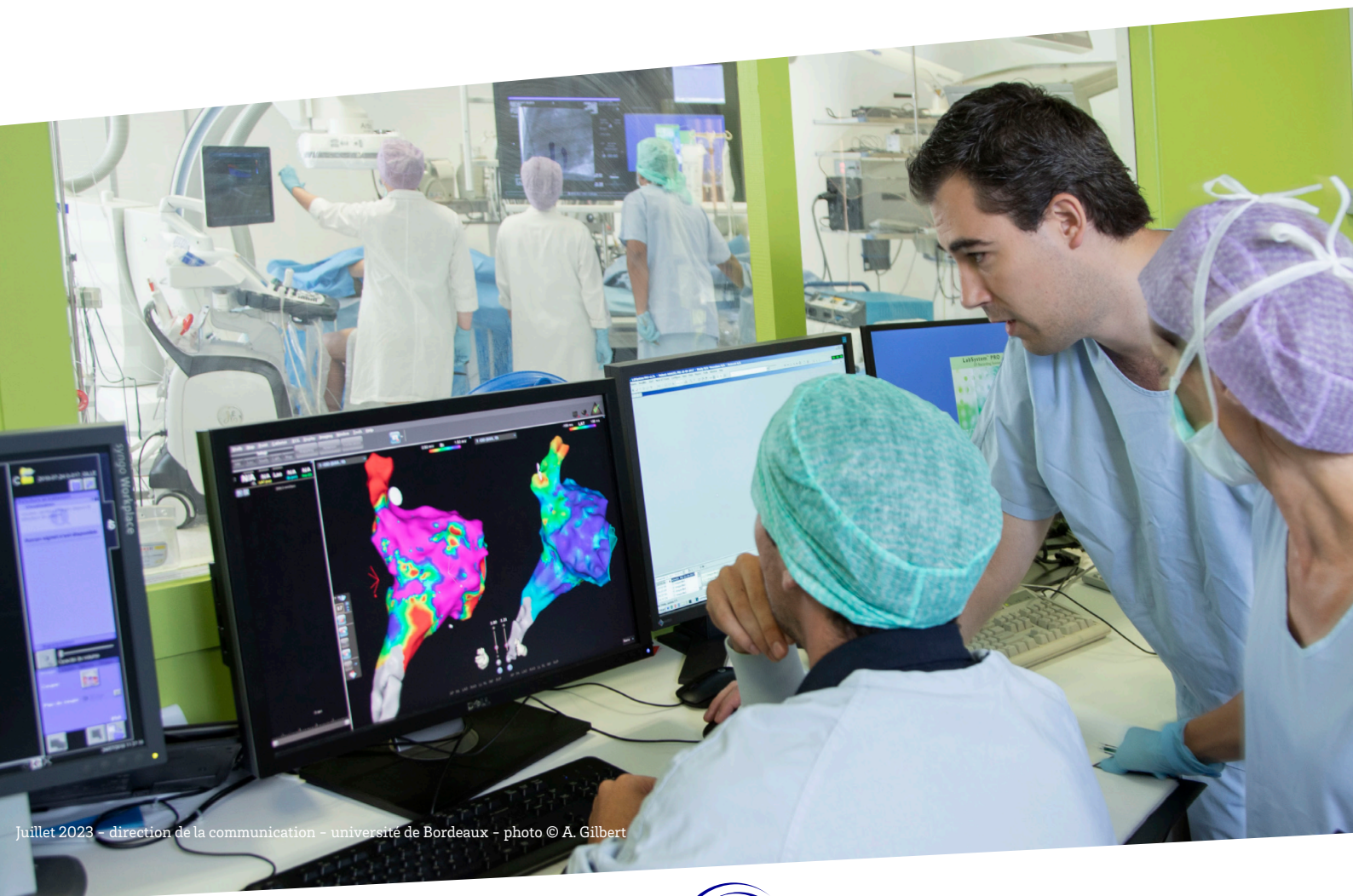
Applications are to be submitted online.

Website



Contact

[gp-cardiacep@u-bordeaux.fr](mailto:gp-cardiacep@u-bordeaux.fr)



Juillet 2023 - direction de la communication - université de Bordeaux - photo © A. Gilbert

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