



Germans Trias o Pujol Research Institute (IGTP) endorses the Requirements and Principles of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers, and Open, Transparent, Merit-based recruitment promoted by the European Commission and follows Equal Opportunities policies. On 22 August, 2019, IGTP was awarded the "HR Excellence in Research" logo. This recognition reflects the commitment of the Institute to the continuous improvement of its human resources policies in line with the Charter & Code. The Institute works to ensure fair and transparent recruitment and appraisal procedure

CALL FOR: POST-DOCTORAL RESEARCHER IN CARDIOVASCULAR DISEASES (REF.: 2021/146)

1. JOB DESCRIPTION:

The Heart Failure and Cardiac Regeneration (ICREC) laboratory of Heart Institute (iCor) of the IGTP, lead by Dr. Antoni Bayes, offers a Postdoctoral Position.

Cardiovascular diseases are the leading causes of death in the European Union. During the last decade, our main goals have been to offer healthcare excellence to cardiovascular patients and to enhance basic and clinical research by participating in the forefront of the transformation of classical cardiology, to a modern cardiology incorporating the molecular biology of the cardiovascular system to improve diagnosis, prognosis and treatments. Our activity research has been developed at the Can Ruti Campus, entity that unites several of the reference institutions in biomedicine in Catalonia involving more than 3.000 professionals. The Campus includes the Germans Trias i Pujol University Hospital (HUGTiP) which is one of the large university hospitals in the Barcelona area where direct medical care. We have also a partner center dedicated to basic research, the IGTP, where the basic-science research ICREC program is also located since 2010 (<http://www.germanstrias.org>). Other facilities are the Center for Comparative Medicine and Bioimage (CMCiB), a purpose-built translational medicine center, and the teaching Unit of the Universitat Autònoma de Barcelona. From 2010 to 2015, basic and clinical cardiac research grew up separately at the Campus until the iCor was created. The iCor Institute unified all entities dedicated to cardiac research (ICREC research program, Cardiology Department and Cardiac Surgical Department) with the purpose of bringing together the resources and talent necessary to promote cardiovascular research and offer excellent clinical care at the Can Ruti Campus. iCor main contributions and working areas include two main areas:

- 1) Regenerative Medicine, where the iCor pioneered some first-in-human studies.
- 2) Biomarker-based Precision Medicine working to understand and validate the use of circulating biomarkers in clinical setting.

The iCor team currently included 17 researchers, among whom 8 are women and 9 are men. Of these, 7 are dedicated to basic research and another 10 to clinical research. There is a close and very productive collaboration between all the research lines within the group.

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2. QUALIFICATIONS AND EXPERIENCE:

The applicant must have the following qualifications:

- a) Candidate should have a Doctoral degree in sciences or biomedicine (biology, biotechnology, biochemistry, medicine, veterinarian, or similar) with demonstrated track record.
- b) Good academic background (accredited by scientific publications and collaboration in scientific projects).
- c) Five-year accredited experience in cardiovascular research.
- d) English level Advanced or similar.
- e) Would be an advantage to:
 - Have worked on Advanced Therapy Medicinal Products.
 - Have been principal investigator of a scientific project.
 - Have experience in animal models for cardiovascular diseases.
 - Have accredited experience in Translational Cardiovascular studies.

Persons with a degree of disability equal to or greater than 33 per 100, as accredited by the Spanish Autonomous Regions or the State Administration, or who have been declared to have a total permanent disability in a different profession through a resolution of the National Institute of Social Security, while retaining functional capacity for the completion of the tasks of the post will be positively considered.

3. MAIN RESPONSIBILITIES:

The person selected will carry out the functions of the post-doctoral researcher position, supporting all the studies and projects of the group. Work in the group encompasses in vitro and in vivo models, cell biology, molecular biology, artificial intelligence and machine learning, as well as the clinical translation of new advanced therapy drugs.

4. WHAT WE OFFER:

- a) Temporal contract with full time position.
- b) Gross annual remuneration inherent in the position covered by this call, will be set according to the amount awarded for the grant awarded, distributed in 12 payments.
- c) Flexible payment (childminding vouchers).
- d) 23 days holiday and 5 days for personal matters.



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- e) Training capsules by the company.
- f) Be part of an excellent multidisciplinary research center with the HRS4R badge.
- g) Immediate incorporation.

We are located at the Can Ruti Campus, a top translational research environment in the Barcelona area, in a highly stimulating scientific environment. The IGTP offers a supportive, friendly and collaborative ecosystem to promote career development and to help you achieve your research goals.

5. FOR MORE INFORMATION:

For more information see the link:

<http://www.germanstrias.org/research/cardiovascular-respiratory-diseases/1/heart-disease>

<http://www.icor.cat/investigacio/grups-d-investigacio/en-insuficiencia-cardiaca-i-regeneracio-icrec>

6. APPLICATIONS:

Those interested must send a letter of motivation explaining their interest in the post, a CV and details of 3 referees to the address seleccio@igtp.cat

APPLICATIONS THAT DO NOT INCLUDE THE REFERENCE CODE IN THE SUBJECT LINE WILL NOT BE CONSIDERED

Applications will be reviewed on a rolling basis until the position is filled, and the pre-selected candidates will be contacted for interviews.

7. DEADLINE FOR APPLICATIONS:

The call for applications will close on January 31 th, 2021.