

**GRUP DE RECERCA PNEUMOLOGIA
INSTITUT D'INVESTIGACIÓ BIOMÈDICA DE GIRONA
PREDOCTORAL POSITION**

The basic research group led by Dr. Olga Tura-Ceide and Dr. R. Orriols at Pneumology Department, University Hospital of Girona Dr. Josep Trueta, Girona Biomedical Research Institute-IDIBGI, Girona, Spain is seeking an enthusiastic and motivated predoctoral candidate to apply to 3-year predoctoral full-time contract "Ayuda FI Generalitat de Catalunya 2022". This scholarship will involve working in a multidisciplinary team of researchers, doctors, and diseases of the Hospital de Girona Dr. Josep Trueta and the research laboratory of the Institute for Biomedical Research of Girona (IdIBGi) located in the Martí i Julià hospital park, Salt, Girona.

The candidate will apply to a predoctoral position that **involves studying the role of endothelial dysfunction in endothelial cells derived from patients with cardiopulmonary diseases and COVID-19**. This translational research will be focused on identifying novel mechanisms and treatments aimed at endothelial dysfunction, thromboembolism, angiogenesis, metabolism, organoid 3D systems, oxidative stress, and animal models. A wide range of molecular and cellular novel techniques, *in vitro* 3D bioprinting technology and *in vivo* animal models will be used. The position offers the candidate opportunities to grow, present his/her work at conferences and congresses, work together with a spin-off company and write high impact publications and research grants.

Candidate profile:

Interested candidates should hold:

- Biological Science Bachelor's Degree (Biology, Biochemistry, Pharmacy, Biomedicine or related areas) with a score equal to or greater than 8.3/10.
- Master's in Biological Sciences with a score equal to or greater than 8.3/10.

Additionally, the following criteria will be well valued:

- Previous experience in molecular and cellular biology research.
- Publication record as the first-second-senior-corresponding author in high impact factor journals (Q1).
- Mobility or experience abroad
- Congresses, awards, courses
- Hardworking, responsible and able to work independently, and a good team player

To apply for a place, please send the following documentation:

1. *Curriculum Vitae*
2. Brief explanatory letter of previous experience and interest in the proposed research area

Send documentation via e-mail to otura@idibgi.org from before October 10th, 2022.