

PhD Student POSITION

PROFILE FORM

We offer one PhD student position in Translational research within the group “New therapeutic and diagnostic strategies in liver diseases” at the August Pi i Sunyer Biomedical Research Institute – IDIBAPS. IDIBAPS is a research center of excellence that tackles high-prevalence, high-morbidity and high-mortality diseases. Founded in 1996, it is a public consortium whose members are the Catalan Government, the Hospital Clínic of Barcelona, the University of Barcelona’s School of Medicine and the CSIC Biomedical Research Institute in Barcelona.

Required qualifications and expertise

- Bachelor and Master Degree in Life Sciences (Pharmacy>Biochemistry>Biomedicine>Biology>Biotechnology or related disciplines) and a good academic and/or scientific publications record. Preferably Master in Translational Medicine (University of Barcelona) will be valued.
- Accredited certificate for the use of laboratory animals for research purposes.
- Knowledge and expertise in molecular and cellular biology, cell culture, mouse and rat handling, histology, RNA isolation and PCR, immunology, and nanoparticle synthesis and characterization will be valued.
- Short stays in international Research Centers will be valued.

Desirable skills

- Clear commitment to begin a scientific career and finish a PhD.
- Highly motivated, enthusiastic and collaborative person.
- Good capacity planning and independent thinking.
- Strong teamwork skills.
- Good communication skills.

Required languages

- High English and Spanish level. Solid communication and writing skills in English.

Main Duties

Our group is seeking for enthusiastic graduated students with devotion for Science, a good academic record and strong interest in developing new diagnostic and therapeutic tools for liver diseases (Cirrhosis and Cancer), and who wish to develop their PhD in a scientific stimulating environment. The primary goal of our group is to investigate the mechanisms involved in liver diseases in order to subsequently design new diagnostic

and therapeutic strategies (nanoparticles, cell therapy, tissue engineering). In these studies, we will use multidisciplinary approaches, including mouse and rat models, cell cultures, flow cytometry and molecular and cellular biology techniques.

Type of contract: PhD student contract from 1 to ~6 years in order to complete a PhD in Biomedicine.

Annual gross remuneration will be fixed on the basis of the experience provided and the skills of the candidates.

Starting date: Sept/October 2019

Documents required

- Cover Letter
- Curriculum Vitae
- Copy of academic record
- Contacts for 2 references

Candidates must send the documents to Dr. Pedro Melgar-Lesmes. Email: pmelgar@clinic.cat or melgarpedro@yahoo.com

Only selected candidates will be contacted by e-mail for a personal interview in a second phase.

Links to the group:

<http://www.idibaps.org/research/402/mechanisms-of-liver-diseases-and-complications-of-cirrhosis>

<https://www.ub.edu/portal/web/dp-biomedicina-es/investigacio-traslacional-en-noves-estrategies-de-diagnostic-i-tractament-de-la-malattia-hepatica.-ip-wladimiro-jimenez>