



Ph.D. student position

The “**Translational Genomics and Targeted Therapies in Solid Tumours**” lab from IDIBAPS is seeking a highly motivated **pre-doctoral researcher for the “Urologic Cancer Group”** who has interest in conducting a Ph.D. in biomedicine.

Our group

The “**Urologic Cancer Group**”, integrated into the “Translational genomics and targeted therapies in solid tumours” lab, is led by Dr. Begoña Mellado. Our group is focused on studying the **molecular mechanisms of therapy resistance in urological cancers**, gaining insights into the **molecular biology of cancer cells** and the **interaction between these and the tumor microenvironment**.

Project Description

The candidate will mainly work in the project “**Reshaping the tumour microenvironment in clear cell renal cell carcinoma through secretome modulation to improve immunotherapy response**” (IP: Dr. Oscar Reig) funded by the Instituto de Salud Carlos III. The candidate will use **state-of-the-art technologies** such as organoids or other explant culture methods, isolation of tumor-infiltrating lymphocytes, and omics technologies (e.g., RNA-seq and spatial transcriptomics) to decipher the interaction between cancer cells and tumor microenvironment. The final aim is to increase immunotherapy efficacy in renal carcinoma.

Requirements

- BSc in Biology or related disciplines with a mark over 8 (1 to 10 scale).
- MSc in Biology or related discipline.
- Good command of English.
- Self-motivated, independent, enthusiastic with science, and team worker.

Although not required, cell culture and organoids knowledge will be considered.

Conditions

The candidate is willing to apply to different pre-doctoral fellowships. However, an interim contract will cover the period between the hiring and the start of the 3-year Ph.D. contract.

How to apply

Applicants should submit a full **CV**, **academic transcripts**, a **cover letter**, and **names and contact details** of at least one researcher that has supervised the candidate’s work at the laboratory during the BSc or MSc to Oscar Reig (oreig@clinic.cat).