

Patho-physiological role of extracellular vesicles released by hepatocytes

A PhD position in the field of Cell biology is immediately available in the Exosomes Laboratory lead by Dr. Juan Manuel Falcón. This is a full-time, three-year position (starting January 2019) funded by CIC bioGUNE, a research center recently awarded with the recognition of Center of Excellence Sever Ochoa by the MICINN, sited in the Parque Tecnológico de Bizkaia.

Project Description

The project will be co-directed by Dr. Felix Royo, and it will be focused on the role of enzymatic activity in extracellular vesicles of hepatic origin in the pathology of liver-associated diseases. The Laboratory of Exosomes has been working in the characterization of extracellular vesicles by using cell biology, biochemistry and omics technologies including proteomics, transcriptomics and metabolomics. In this context, the group has identified several active enzymes loaded in the extracellular vesicles that are released to the blood stream where they modify the metabolome profile of serum, and potentially had an impact at a systemic level. Further reading can be found at our website www.cicbiogune.es. During the development of the project, the PhD student will get wide expertise in cell biology, biochemistry and omics techniques.

Requirements:

- Degree in science-related disciplines.
- Be less than 30 years old or have less than 5 years since obtaining the bachelor degree (or 7 years in the case of people with recognized disabilities).
- Applicants should hold a Master Degree in Sciences (obtained in the last 2 years).
- Experience in cell culture, molecular biology and / or animal experimentation, and English level would be an advantage.

Applications procedures:

- Interested candidates should submit a cover letter (indicating the motivation) and their CV including the qualifications through our webpage using the [form](#) and indicating **42191** as reference.

Deadline of application 8 of December of 2018