

Annex 1.
PhD Student Position

Candidates must fulfill the following requirements in the moment of applying:

- Ref. PR2017/019	
Job Title	“PhD student in Liver Disorders and Regeneration”
Principal Investigator	Manuel A. Fernández Rojo, PhD (manuel.fernandez@imdea.org)
Location	Madrid, SPAIN
Job Category	Predoctoral researcher
Job Description	Predoctoral Research Project in the “Plasma membrane proteins regulating the function of liver mitochondria in physiology and disease”.
Qualifications	<p>The Hepatic Regenerative Medicine Group within the IMDEA-Food Institute is seeking for a highly-motivated pre-doctoral student with:</p> <ul style="list-style-type: none"> • Ability to work independently on routine assignments, positive attitude and good communication skills. • Fluent English. • Expertise on molecular biology techniques, especially in animal handling, isolation and culture of rodent primary cells, cell biology as well as in metabolic and transduction signaling pathways will be valued. <p>The successful candidate will investigate how proteins of the plasma membrane of the cells regulate mitochondrial function, energy metabolism in liver physiology and disease. For this the project involves the use of experimental mouse models, genome editing by CRISPR/Cas9 technology and molecular biology, cell fractionation and confocal imaging as well as collaborations with other international research groups in Europe, USA and Australia.</p> <p>The Principal Investigator will provide focused and tailored mentoring to candidate to ensure that the candidate reaches the desired career goals. This includes an encouraging and supportive environment to develop novel ideas and initiatives within liver research.</p>
Education requirements	BS Degree in Nutritional or Biomedical Sciences (Nutrition, Food Science, Biology, Biochemistry, Pharmacy, Chemistry, Medicine...) and the admission in a Spanish official to PhD Program* are required.

* Exceptionally, if you do not have it yet, please remember that it will be necessary at the moment of your incorporation to IMDEA.