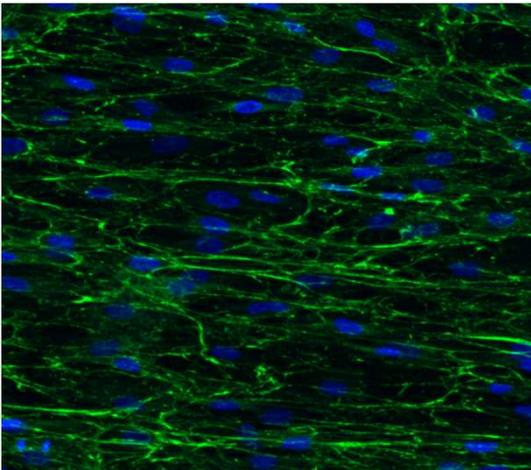


PhD program in Neuromuscular Diseases

We offer a pre-doctoral position funded for 3 years to join our laboratory of **Translational Research in Neuromuscular Diseases** at the Institut de Recerca Sant Joan de Déu-Hospital Sant Joan de Déu under the supervision of Dr. C. Jimenez-Mallebrera. The Hospital is one of the leading centres in Europe for the diagnosis, management and research of rare pediatric diseases. We are a multidisciplinary group recognized as a reference centre for neuromuscular diseases working with an extensive network of collaborators inside and outside Europe. We participate in several clinical trials for various neuromuscular conditions (http://www.fsjd.org/research-groups_117198/4913).



The project aims at investigating the application of **gene and base pair editing** strategies including the CRISPR/Cas system for the correction of dominant **mutations in collagen VI genes** that result in a severe form of congenital muscular dystrophy. The candidate will gain experience in a wide range of molecular and cell biology techniques as well as specialized knowledge on muscle biology and neuromuscular diseases which is a fast growing field where numerous clinical trials are being developed. He/she will have the opportunity to work in a thriving clinical research center with state of the art facilities.

Criteria and selection: Candidates must have completed by September 2018 studies that lead to an official Spanish (or from another country of the European Higher Education Area) university degree in Biology, Biochemistry, Biomedicine, Biotechnology, Medicine or related fields and that have 300 credits (ECTS), of which at least 60 must correspond to master level.

- Selection will be based on academic excellence. The academic grades and curriculum of each applicant are evaluated, as well as recommendation letters and a motivation letter.
- Publications, official participation in research projects and previous research experience and fluidity in English will be highly valued.

Interested candidates please send CV with the names of 2 referees and a motivation letter before 15/09/2018 to rrhh@fsjd.org (quote **273/18**).