



Instituto  
de Medicina  
Molecular

João  
Lobo  
Antunes

# iMM Call for MyoChip FetOPEN project

Deadline for Job Application: October 31<sup>st</sup>, 2018





We are seeking 3 outstanding postdoctoral researchers and 1 technician to join MyoChip and work closely with the groups of [Edgar Gomes](#) and [Claudio Franco](#) at the Instituto de Medicina Molecular João Lobo Antunes ([iMM](#)) in Lisbon, Portugal.

**MyoChip** is a Horizon 2020 project aimed at building a vascularized and innervated skeletal muscle. During 4 years, cell biologists, bio-engineers and computational modelers in 3 institutes and 1 biotech based in Lisbon ([iMM](#)), Paris ([Institut Curie](#) and [Fluigent](#)) and Edinburgh ([UoE](#)), will work together to build a muscle on a chip with multiple applications, including drug screening, disease modelling, robotic and prosthetics.

### Postdoctoral Profile

#### Background

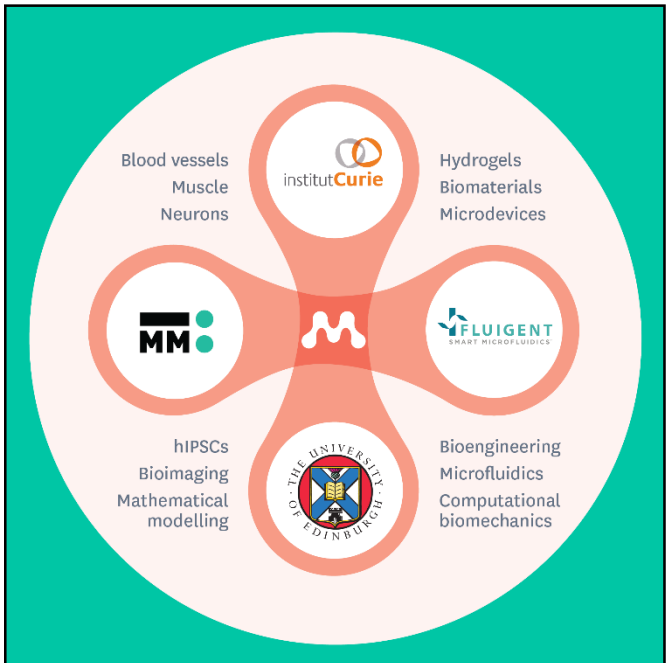
PhD degree in the field of Bio-engineering, Cell or Molecular Biology

#### Experience in at least one of these research fields:

- Biomaterials
- Microdevices
- Microfabrication
- Microfluidics
- Neuroscience
- Myology
- hiPSCs
- Sheet Flow
- Microfluidics
- Tri-Dimensional tissue engineering

#### Skills and abilities:

- Scientific Rigor
- Planning, organizing and prioritizing
- Critical thinking
- Resiliency
- English fluency (written and spoken)



### Technician Profile

#### Background

Degree in the field of Molecular Biology

#### Experience in :

- Cell Culture
- CRiSPR
- hiPSCs (desirable not required)

#### Skills and abilities:

- Meticulousness
- Planning, organizing and prioritizing
- Autonomy
- Resiliency
- English fluency (written and spoken)

### Job Application

Please send CV and Cover Letter (please include contacts of two references) to [imm-MyoChip@medicina.ulisboa.pt](mailto:imm-MyoChip@medicina.ulisboa.pt) until October 31<sup>st</sup>, 2018



## Host Institution

The [Instituto de Medicina Molecular João Lobo Antunes \(iMM\)](#) is a leading Portuguese biomedical research institute, that aims to nurture innovative ideas in basic, translational and clinical research, with the mission of improving human life through the study of disease mechanisms and the development of novel predictive/diagnostic tests and therapeutic approaches. iMM strategy is laid upon three major objectives: i) to promote scientific excellence, ii) to nurture advanced training and career development and iii) to galvanize translation of our findings for human health.

The core scientific activities are structured around 34 independent research groups within broad Research Lines: Molecular and Cellular Biology; Development and Ageing; Systems Physiology; Neurosciences and Behaviour; Immunology and Inflammation; Host and Microbe; Oncobiology; Chemical Biology and Biophysics; Clinical Sciences. iMM currently hosts about 650 people, including group leaders, clinicians, post-docs, PhD students, technicians and support staff, who shape a vibrant and cooperative community driven by curiosity, individual freedom and ambition.

## Research in Portugal

“Portugal encourages creativity and audacity. They are key to develop new concepts and foster breakthrough knowledge and innovation. Portugal embraces diversity and values its multicultural richness. In our sunny western tip of Europe, you will find a country at the forefront of technological developments with the perfect combination of European cultural traditions, an eight centuries-old history, a pleasing lifestyle and the most welcoming people.” (from [www.study-research.pt](http://www.study-research.pt))