VIOBIO
VISUAL OPTICS & BIOPHOTONICS LAB

MyFUN

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

Job Offer

Early Stage Researcher

"Visual performance with bifocal correction to inhibit myopia"

Visual Optics and Biophotonics lab

Summary:

The position is funded by the European Commission in the framework of the H2020 Marie Skłodowska Curie Initial Training Network 'MyFUN'. The MyFUN project aims at training 14 young scientists at the interface of at the interface of physics and biology, to study unresolved questions about the visual control of eye growth.

Profile:

- MSc or equivalent degree in physics, electrical, optical or biomedical engineering or a related discipline which allows to start a doctorate or PhD thesis with focus on optical instrumentation development, optoelectronics, optical design, and visual optics.
- Profound knowledge of written and spoken English.
- Pre-existing laboratory experience is preferred and experience in one of the methods mentioned would be of advantage.
- Fulfillment of EU eligibility criteria.

We offer:

- Highly competitive salary, including allowances for mobility, and family, full social security
- Participation in training activities of the MyFUN network and international conferences.

Methods:

The following methods will be learned and applied within the above described research project:
(1) Adaptive Optics Visual Simulator of Multifocal Lenses;
(2) Spatial Light Modulator programming and testing;
(3) Simultaneous Vision Simulator.
(4) Optical testing and modelling; (4) Anterior Segment Optical Coherence Tomography

If interested, please send your application including CV, letter of motivation and name of 2 references to Prof. Susana Marcos at susana@io.cfmac.csic.es and viobio@io.cfmac.csic.es

For further details and information on EU eligibility criteria, please visit the Euraxess website.