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## **Post-doctoral position in Membrane-based nano-mechanobiology\***

ICFO is offering a postdoctoral position to a well-qualified, highly motivated and dynamic young scientist who wish to enhance his/her scientific career in a friendly, international and stimulating environment within the field of Nano-MechanoBiology.

The successful candidates will be joining **The Single Molecule Biophotonics research group** at ICFO, led by **Prof. Dr. Maria García-Parajo**. He/she will be part of a recently granted Advanced ERC project aimed to study how adhesion receptors of the immune cells sense and respond to mechanical stimuli by changing their nanoscale organization and dynamics on the cell membrane and how this affects mechanotransduction and cell response. The project will combine super-resolution microscopy, single molecule imaging, molecular and cell biology and will primary focus on cells of the immune system.

### **Eligibility and Conditions**

- Candidates must hold an internationally-recognized Ph.D.-equivalent degree (or evidence of its completion in the nearest future) preferably in cell biology, single molecule biophysics, super-resolution microscopy or related fields.

- Candidates should have a proven track record of excellence in experimental research. Strong background in integrin biology, cell mechanics or mechanotransduction are highly desirable.

ICFO is an equal opportunity employer. Candidates are selected exclusively on merit and potential on the basis of submitted application material. No restrictions related to disabilities, citizenship or gender apply to ICFO positions. ICFO abides by the principles of openness, efficiency, transparency, supportiveness, and international comparability as stated in the European Charter for Researchers and the European Code of Conduct for the Recruitment of Researchers.

The contract is offered for periods of one year, renewable for a total of up to 3 years.

### **Application procedure**

The formal application should be submitted online via <http://jobs.icfo.eu/?detail=457>.

Suitable candidates are requested to submit:

- Presentation letter with a declaration of interest,
- Curriculum Vitae, including contact details,
- The contact e-mail of two potential referees.

Candidates may contact [jobs@icfo.eu](mailto:jobs@icfo.eu) for informal enquiries regarding the application, as well as address scientific enquiries to Prof. Dr. Maria Garcia-Parajo: [maria.garciaparajo@icfo.eu](mailto:maria.garciaparajo@icfo.eu).

For updated information about ICFO, please visit <http://www.icfo.eu/>

*\* The position will be funded by the Project “**NANO-MEMEC: membrane based nano-mechanobiology**”, an ERC Advanced Grant awarded by the European Research Council established by the European Commission.*

