

PhD THESIS OFFER

The *Optical Nanomanipulation Lab* at the

Instituto Madrileño de Estudios Avanzados en Nanociencia (IMDEA Nanociencia) and the *Nanobiotechnology unit* associated to the *Centro Nacional de Biotecnología (CSIC)*,

is recruiting PhD students with degrees in Physics, Chemistry, Biology or Engineering for research in

Biophysics of Nanosystems and Nanomedicine

If curious about **Genetic Information Management**, **Biomolecular Motors**, **Nanoparticles** as physical entities with therapeutic action and **Bio-Photonics**, please, join us in this fantastic voyage to the biological cell!



The thesis will involve the use of state-of-the-art technologies for nanoscale analyses, like *optical tweezers* and *magnetic nanomanipulation*, besides theoretical modeling under *thermodynamic non-equilibrium* conditions.

Academic marks near or above **8/10** and a high motivation for interdisciplinary science are strongly encouraged.

Interested? Visit our website for details on our group: www.ariasgonzalez.com and contact us with your CV and marks at

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