

## PhD THESIS OFFER

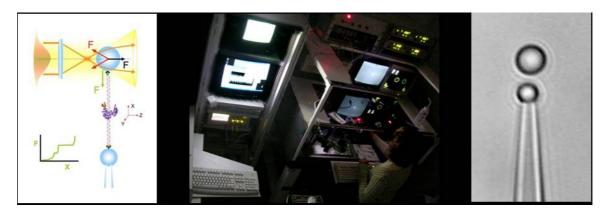
The *Optical Nanomanipulation Lab* at the

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: <a href="www.ariasgonzalez.com">www.ariasgonzalez.com</a> and contact us with your CV and marks at

J. Ricardo Arias-Gonzalez,

ricardo.arias@imdea.org



Optical Nanomanipulation Lab IMDEA Nanoscience Calle Faraday, 9. Cantoblanco. Madrid 28049 (Spain)