

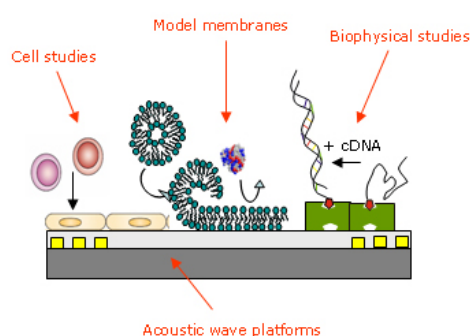


**FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS**  
INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

**1 Post-Doc Position, Biosensors Lab**

**“Biophysical study of protein binding interactions related to cytoskeleton formation”**

A position is available for a post-doc researcher to work on a project focusing on the study of key proteins and processes related to actin polymerization and cell adhesion. The successful candidate will work on a project that includes 1. The creation of a biomimetic membrane surface (vesicles or supported lipid bilayers) for the specific attachment of proteins (i.e., ezrin, formin, integrin etc.); 2. Investigation of proteins' conformation in relation to the environment (i.e., degree of phosphorylation, presence of calcium etc.); and, 3. Monitoring of actin binding and polymerization to protein-activated model membranes. Work will include acoustic and optical sensors as the main biophysical tools together with imaging techniques. Candidates should have interest and/or experience in one or more of the following areas: protein chemistry/engineering, surface chemistry and molecular/cellular biophysics. Applicants with interest in both fundamental and applied research are encouraged to apply.



The Biosensors group comprises researchers from different scientific backgrounds such as chemists, engineers, biophysicists and biologists. The focus of the group's research is the development of novel bioanalytical/biophysical techniques using acoustic waves for the understanding of fundamental biological problems as well as the development of novel methods applied to molecular biology and biotechnology. For more information, please visit <http://www.imbb.forth.gr/people/gizeli/index.html>

The position is available from January 1<sup>st</sup> 2014 for one year with the possibility to extend it for two more years. Applicants should send a copy of their CV, a brief motivation letter and the names of at least 2 referees to Prof. E. Gizeli ([gizeli@imbb.forth.gr](mailto:gizeli@imbb.forth.gr)).

Work will be funded jointly by EC (FP7-ICT Bio-Nano-Micro Systems) and GGET (Synergasia 2011)