



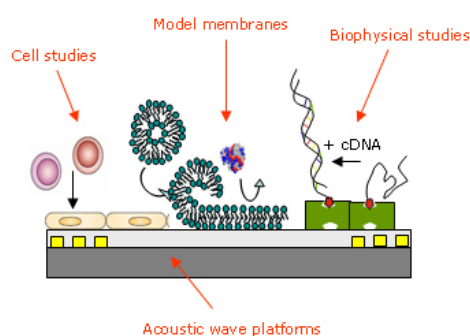
FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS

INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

1 Post-Doc & 1 PhD Position, Biosensors Lab

“Development of novel detection platforms for clinical/biophysical purposes”

Two positions are available for one post-doc researcher and one PhD student, to work on an EC-funded project focusing on the development of novel assays for diagnostic purposes exploiting acoustic wave sensors. The project is highly multidisciplinary and involves the immobilization of membrane-bound proteins on a surface for the subsequent study of protein-surface, protein-bacteria and protein-cell binding processes. The ultimate aim of this work is to create biomimetic surfaces for the study of biological interactions with application to clinical diagnosis and cell adhesion studies. Candidates should have interest and/or experience on the following areas: biophysics, nanotechnology (nanoparticles), protein engineering, biomaterials and cellular biology. Applicants with interest in both fundamental and applied research are encouraged to apply. The successful applicants will join a multidisciplinary European consortium and work in collaboration with 4 academic and 2 industrial partners.



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.

The positions are available immediately for up to three years. Applicants should send a copy of their CV, a copy of their transcript, a brief motivation letter and the names of at least 2 referees to Prof. E. Gizeli (gizeli@imbb.forth.gr).

For more information, please visit: <http://www.imbb.forth.gr/people/gizeli/index.html>