



**Postdoctoral Position on  
Multifunctional Microfluidic Devices**  
BIOMICSmicrofluidics Research Group  
<http://www.ehu.eus/en/web/Microfluidics/home>

BIOMICSmicrofluidics Research Group is looking for a Postdoctoral researcher to join their team working on **Microtechnologies for Biology and Medicine**.

The project is in the frame of development of multifunctional microfluidic devices for different applications, including biomedical diagnostics, sport and forensic sciences. The project involves, integration of electronic components on Lab-on-a-chip devices, design and fabrication of microfluidic devices, integration of functional materials and characterization of device performance.

The postdoctoral researcher will be part of the Microfluidics UPV / EHU cluster, a strategic alliance between two emerging research teams working on Micro- and Nanotechnologies for Lab-on-a-Chip applications at the University of the Basque Country in Spain. The Microfluidics UPV / EHU cluster focuses on applied and translational research through the combination of microfluidics, sensors and actuators. We develop Integrated Microsystems with applications in biomedical diagnostics, environmental analysis, chemistry, sport science, biology and medicine.

**Place of work.**

The project will be carried out at the Lascaray Research Centre, University of the Basque Country in Vitoria-Gasteiz, Spain

**Required qualifications and experience.**

Candidates must hold a PhD on a topic related to Lab-on-a-chip technology, with experience on microfluidics, optical sensors and electronic systems.

Skills on COMSOL, 3D design and microfabrication techniques will be positively evaluated. In addition, the candidate must have an excellent academic track record and a good level of English.

**Conditions.**

The successful candidate will be hired by the University of the Basque Country (UPV / EHU) for 12 months, extendable depending on performance and available funding.

To apply please send an application with a cover letter, your CV and contact details of two referees before April 10<sup>th</sup>, to [BIOMICSmicrofluidics@gmail.com](mailto:BIOMICSmicrofluidics@gmail.com) indicating the reference PD1\_ELK15