Marie Curie Initial Training Networks

(Marie Curie ITN, funded by the European Commission under Framework Program 7)

Experienced Researcher

Temporary, 18 months, full-time, start on the 1st of November, 2014,
Home based in Germany, Thuringia

Within the EU-based Marie Curie ITN project we are looking for an Experienced Researcher (ER) to work full-time over a period of 18 months in Germany, Thuringia. The candidate will join well-established company and use its expertise and knowledge in an integral position.

Microfluidic ChipShop (MFCS) is a fast growing, internationally active high-tech company based in Jena, Germany. Based on the Lab-on-a-chip technology, we offer miniaturized solutions for diagnostics, analytical sciences, and life sciences for customers all over the world. Our main focus is the design, realization and functionalization of microfluidic polymer chips and accompanying equipment.

Job Description

The overall objective of this work is the development and test of microfluidic modules and miniaturized bioreactor systems and the ones equipped with advanced sensor technology realized by MFCS.

The employee will therefore be involved in different development phases of the reactor systems, such as design, functionalization and characterization. Furthermore, the employee will test the developed bioreactor systems for their functionality in different industrially relevant case studies. Within in this project time, the employee will work for a period of 2 months at the University “Magna Graecia” of Catanzaro, Italy.

Eligibility

Because of the nature of the Marie Curie initial training network there are restrictions on eligibility.

Specifically, at the time of the recruitment, candidates must not have resided or carried out his/her main activity (work, studies, etc.), in Germany for more than 12 months in the 3 years immediately prior to the date of the recruitment.

Experienced Researchers must, at the time of recruitment by the host organization, be in possession of a doctoral degree or have at least four years of full-time equivalent research experience. In ITN, experienced researchers must also, at the time of recruitment by the host organization, have less than five years of full-time equivalent research experience.

Full-Time Equivalent Research Experience is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited or seconded, irrespective of whether or not a doctorate is or was ever envisaged.

There are no restrictions regarding nationality. Any nationality may apply.

Qualifications

The successful candidates will have a PhD in chemical, biomedical, mechanical, electronic, biochemical engineering or a comparable qualification.

Requirements

- Knowledge of microfluidic fermentation/biocatalytic processes
- Knowledge about microfluidic process design / equipment design
- Experience in microsystem technology and manufacturing of miniaturized devices/instruments
- Interested in lab work
- Good presentation, oral and writing skills in English
- Interest to do independent research

Applications details

Please submit your application till 1 August 2014 latest.

If you have the required experience for this position with a valid working permission for Germany then please send your complete application to info@microfluidic-ChipShop.com . Do not hesitate to contact Microfluidic ChipShop in case of any questions under +49 (0)3641-347 05 0.

To find out more about our company and the Marie Curie INT program please visit the following websites:
www.microfluidic-ChipShop.com
www.eurombr.nu