



Marie Curie research fellowship (IEF or IIF)

Responsibilities:

We are looking for candidates interested in a 2 year post-doc position via a Marie Curie fellowship (IEF or IIF). The candidate researcher is asked to write a Marie Curie proposal in collaboration with us to undertake research on one of the following topics:

- A) Cell cultivation and characterization
- B) Microarray analysis to adapt manufacturing processes
- C) Cell fermentation in various scale-up systems including bioreactors
- D) Bioreactor design by in silico models of small-scale fermentation systems to predict/develop scale-up processes

Deadline for submission of the proposal is 11 August 2011.

Further information of EU-funded Marie Curie actions are available at:

http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=395 (IEF) and
http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=396 (IIF).

The projects will be carried out in one of Lonza's innovation R&D teams focusing on mammalian stem cells and their production at Cologne/Germany.

Requirements:

The successful candidate will have a PhD or at least four years of full-time equivalent experience in:

- Cell cultivation (isolation, cultivation and harvesting) and cell characterization with, ideally, knowledge of primary cell culture and an established background in biochemistry, or
- Microarray analysis with established experience in different microarray platforms and, ideally, some knowledge of -omics technologies, or
- Cell fermentation and, ideally, some knowledge of bioreactor design/hydraulics, or
- In silico models of fermentation systems.

He/she is interested in interacting in our group and in communicating with our scientific/industrial collaboration partners. We offer the opportunity to explore high quality research in an industrial environment.

Interested?

If this position appeals to you, please send your full CV covering letter to:

Lonza Cologne GmbH – Human Resources
Nattermannallee 1 – D-50829 Köln, Germany
Phone: +49221 99199 0
E-Mail: careers.cologne@lonza.com

About Lonza

Lonza is one of the world's leading suppliers to the pharmaceutical, healthcare and life science industries. Products and services span its customers' needs from research to final product manufacture. It is the global leader in the production and support of active pharmaceutical ingredients both chemically as well as biotechnologically. Biopharmaceuticals are one of the key growth drivers of the pharmaceutical and biotechnology industries. Lonza has strong capabilities in large and small molecules, peptides, amino acids and niche bioproducts which play an important role in the development of novel medicines and healthcare products. In addition, Lonza is a leader in cell-based research, endotoxin detection and cell therapy manufacturing. Furthermore, the company is a leading provider of value chemical and biotech ingredients to the nutrition, hygiene, preservation, agro and personal care markets.

Lonza is headquartered in Basel, Switzerland and is listed on the SIX Swiss Exchange. In 2010, the company had sales of CHF 2.680 billion. Further information can be found at www.lonza.com.