



Marie Curie Research Fellowship (IEF or IIF)

Are you interested in performing cutting edge research leading to tangible results and products in an industrial environment? We offer the opportunity to participate in projects carried out in one of Lonza's innovation R&D teams focused on mammalian stem cells located in charming Cologne/Germany.

Responsibilities/Requirements:

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

- A) **Stem cell cultivation and characterization**
Knowledge of primary cell culture including cell isolation, cultivation and harvesting is required.
- B) **Stem cell fermentation**
Knowledge of bioprocess engineering/bioreactor design/biophysics for stem cell cultivation in various scale-up systems including bioreactors is required.
- C) **In silico models**
Knowledge of modeling to develop in silico models of fermentation processes to predict/develop scale-up of stem cell production is required

The candidate will have a PhD or at least four years of full-time equivalent experience in the aforementioned research areas. He/she is interested in interacting with an international team and in communicating with our scientific/industrial collaborators. To complete a successful application, the candidate has proven his/her scientific excellence by multiple peer-reviewed publications in leading professional journals.

The deadline for applications to Lonza is May 31st, 2012. Further information on EU-funded Marie Curie actions is available at: <http://cordis.europa.eu/fp7/mariecurieactions/>

Interested?

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

Lonza Cologne GmbH – Human Resources
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Phone: +49221 99199 0
E-Mail: careers.cologne@lonza.com
Keyword: Marie Curie application LIFT

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. Lonza is also the world leader in microbial control providing innovative, chemistry-based and related solutions to destroy or to selectively inhibit the growth of harmful microorganisms. Its activities encompass the areas of water treatment, personal care, health and hygiene, industrial preservation, materials protection, and wood treatment. 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 and agro markets.

Lonza is headquartered in Basel, Switzerland and is listed on the SIX Swiss Exchange and secondary listed on the Singapore Exchange Securities Trading Limited ("SGX-ST"). In 2011, the company had sales of CHF 2.692 billion. Further information can be found at www.lonza.com.