



PhD Position at LAFUGA Proteomics / Gene Center within the Marie-Curie Innovative Training Network (MC-ITN) “DohART-NET”

Project full title: Periconceptual Programming of Health Training Network

Within the MC-ITN project “[DohART-NET](#)“, the proteomics unit ([AG Fröhlich](#)) of the Laboratory for Functional Genome Analysis (LAFUGA) at the **Gene Center, LMU Munich**, is looking for a highly motivated and skilled



PhD student (m/f/d)



DohART-Net is focusing on effects of altered conditions during the periconceptual (PC) period and integrates pre-clinical (animal and stem cell models) and clinical studies. The applicant will focus on effects of maternal diabetes on the proteomes of various tissues from neonatal offspring of transgenic pig models for (pre)-diabetes. Moreover, as a readout for maternal diabetes induced effects on the embryos inner cell mass environment, proteomes of blastocoel fluid from rabbits will be analyzed. For all experiments, latest mass spectrometry-based technologies will be used. The project implies a series of secondments at partner labs for additional training. The candidate will strongly benefit from a network of internationally recognized scientists and the participation of companies with relevant interests and expertise in the field.

Your profile

Eligibility (mandatory for funding)

- Background in molecular biology, biochemistry, biotechnology, veterinary medicine or equivalent
- Have not been awarded a PhD already
- Less than 4 years research experience at the signature of the contract (counting from the time the Master's degree has been obtained)
- Spent less than 12 months in Germany in the 3 years prior to selection
- Excellent knowledge of the spoken and written English language
- Excellent communication and team working skills

Practical experiences in protein analysis, together with competences in bioinformatics, are strongly preferred but not mandatory.

The position will be on a temporary basis for a period of 36 months (Regular employment contract). The candidate will receive a Monthly Living Allowance plus a Mobility Allowance compliant with the applicable EC Marie-Curie Actions-ITN general conditions. The LMU is an equal opportunity employer. Disabled candidates with equal qualifications will be given preference.

Please send your application (CV, letter of motivation, and relevant certificates) as a single PDF to frohlich@genzentrum.lmu.de.