The Hospital of the University of Munich, Germany, is one of the largest and most competitive university hospitals in Germany and Europe. 48 specialized hospitals, departments and institutions harbouring excellent research and education provide patient care at the highest medical level with approximately 10,000 employees.

The Department Stoffwechsel und Ernährung (Leadership: Prof. Berthold Koletzko) Dr. von Haunersches Kinderspital search for 01.12.2019

**PhD Position (m/f/d)**

for statistical data evaluation of lipidomics, metabolomics und epigenetic data sets from studies in children exploring nutrition and health.

**Job description**

- Statistical data evaluation and bioinformatics of data from lipidomics, metabolomics und epigenetic studies as part of the European research collaboration NutriPROGRAM, with partner organisations across Europe and in Canada.
- If there is interest, we can also offer training in analytical LC-MS method development and method validation as well as further optimization of sample preparation strategies for various sample matrices e.g. plasma, human milk, stool and urine.

**Requirements**

- Master of Science in bioinformatics, chemistry, public health or equivalent studies
- Solid knowledge in statistical data evaluation and visualization
- Basic knowledge in programming (e.g. R, Python, scripting …)
- General knowledge in chromatography and mass spectrometry (GC-FID, LC-MS und LC-MS/MS) as well as sample preparation of clinical samples would be an advantage but is not obligatory
- Good knowledge of english, both written and oral for scientific discussions and writing, is required. For non-german speaking applicants, a basic knowledge of german would be of advantage.

**Our offer**

- Being part of a young multidisciplinary and multi-lingual team of medical doctors, epidemiologists, biologists, chemists, nutritionists and statisticians
- Research in an ongoing child-health-nutrition project which aims to determine key factors in early child nutritional uptake on long term health issues
- Opportunity to lean the use and maintenance of state-of-the-art LC-MS instruments such as a Scieq QTRAP 6500+ with Selexlon
- Possibility to introduce own ideas to an ongoing dynamic research platform

Disabled persons will be preferentially considered in case of equal qualification. Presentation costs cannot be refunded.

For more information please contact Dr. Engy Shokry (+49 89 4400 53427, email: Engy.Shokry@med.uni-muenchen.de

Please send your application (preferentially via email) consisting of a motivation letter, resume, certificates, and the letters (or contact details) of two referees to:

reference-number.: 2019-K-0559
Klinikum der Universität München
Dr. von Haunersches Kinderspital
Dr. Hans Demmelmaier
Abteilung für Stoffwechsel und Ernährung
Lindwurmstr. 4, D1.02
80337 München
Tel. +049 (0)89 4400-53427
email: Engy.Shokry@med.uni-muenchen.de

Please note that in case of transmitting your job application by e-mail your data will not be encrypted and might potentially be noticed or adulterated by unauthorized third parties. You are welcome to send us your documents by mail.