

Postdoc in Lipidomics at BioTechMed Graz

BioTechMed-Graz is a cooperation and networking initiative of the University of Graz, the Medical University of Graz, and Graz University of Technology at the interface of basic biomedical research, technological developments and medical applications with the aim of conducting joint research relating to health issues.

Responsibilities and tasks

As postdoc you will work on our project: Lipases and Lipid signaling. The lipid signaling group focuses on the metabolism of bioactive lipids involving monoacylglycerols, polyunsaturated fatty acids, and metabolites deriving from the COX/LOX pathways. The aim of the project is to characterize the role of (phospho)lipases in the generation and inactivation of lipid signaling molecules regulating metabolic and inflammatory pathways (<http://www.lipidsignalinggroup.at/index.html>).

The main tasks and responsibilities will be to optimize methods for the analysis of lipid signaling molecules from serum and tissues using mass spectrometry (HPLC/MS, GC/MS)

Qualifications

Candidates should have a PhD degree or equivalent and documented experience in:

- mass spectrometry and analysis of MS data
- tissue extraction and fractionation of lipids
- Publications in peer reviewed journals in the relevant discipline (lipids and MS analysis)
- Oral and written communication skills in English

Workplace and period of employment

- The main workplace is the Inst. of Molecular Biosciences, University of Graz
<https://molekularbiologie.uni-graz.at/en/>
- The period of employment is 2 years with the possibility of extension. A qualified candidate is requested to start as soon as possible (spring 2017)
- Interested candidates are encouraged to forward an application as soon as possible.

Salary and terms of employment

The appointment will be based on the collective agreement with the University of Graz. Postdoc are paid according to standard personnel costs and salaries for FWF project proposals:

Gross salary per month: 3.590.- (2016, in EUR)

Further information

- on the MS facility may be obtained from Dr. Thomas Eichmann <thomas.eichmann@uni-graz.at>
- about lipid signaling group on <http://www.lipidsignalinggroup.at/index.html>

Application procedure

Please submit your online application no later than 1st January 2017 by email.

Applications must be submitted as one PDF file containing all materials to be given consideration.

Send applications to Dagmar Kratky (dagmar.kratky@medunigraz.at) and Robert Zimmermann (robert.zimmermann@uni-graz.at)

- Application (cover letter)
- CV
- Diploma (MSc/PhD)
- List of publications