European Innovation Council

UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ
Institute of Chemistry

Homepage: http://bartagroup.org



As part of the recently awarded prestigious EIC Transition Grant we are looking for a:

Chemical engineer (m/f/d)

The main goal of the project is to bring fundamental research results from the laboratory to an industrially relevant scale. We will ultimately seek commercialization of our bio-based products.

FIELD OF ACTIVITY

- Valorization of renewable waste-streams to value-added, bio-based products
- Process upscaling from lab-scale to kg scale, including process intensification
- Optimization of developed synthesis routes
- Description of material and energy flows/ construction of drawings of scaling activities and prototypes
- Techno-economic evaluation of developed processes
- Produce project reports and publish research results in reputed journals

REQUIREMENTS

- PhD in chemical engineering or a related degree
- Experience in process intensification and upscaling of organic chemistry transformations
- Knowledge of the field of Green Chemistry and circular economy-related subjects
- Prior experience with research related to renewable resources including analysis
- Ability to work in a team focusing on integration of chemistry & engineering & business concepts
- Excellent time management and independent project management capabilities

OFFER

- Minimum salary € 4061,50 gross/month (Salary scheme B1, University Collective Agreement)
- Starting-date: 01.05.2022 – with an up to 3-year full time (40 h/week) contract
- A dynamic and multidisciplinary research environment with state-of-the-art equipment
- Possibility to be involved in entrepreneurial training and the founding of a spin-off

The University of Graz strives to increase the proportion of women and therefore qualified female applicants are explicitly encouraged to apply. The University of Graz actively promotes diversity and equal opportunities. People with disabilities and who meet the requirements are expressly invited to apply.

Please send a letter of motivation, your scientific CV and any queries to:

Prof. Katalin Barta Weissert
Heinrichstraße 28, A-8010 Graz
katalin.barta@uni-graz.at
+43 (0)316 380 - 5323

and

Dr. Markus Hochegger
Heinrichstraße 28, A-8010 Graz
markus.hochegger@uni-graz.at
+43 (0)316 380 - 5354