The Faculty of Chemistry, Industrial Organic Chemistry and Biotecnology (IOCB, Prof. Dr. Harald Gröger), offers a full-time research position (Early Stage Researcher – PhD position) starting May 1st, 2020.

(E13 TV-L, non-permanent position)

UNIVERSITÄT BIELEFELD

Your Tasks

The Maria-Sklodowska-Curie European Innovative Training Network INTERfaces will develop multi-step biocatalytic reactions by means of utilizing biocatalysis in immobilized form. The envisaged tailor-made assembly of biocatalyst in reaction sequences allows avoiding steps for isolation and purification of products. The long-term perspective with the industrial project partner AENEAM Advanced Membrane Technologies S. L. will make on- and off-path processes based on the utilization of heterogeneously catalyst and biocatalysts will be developed. Toward this end, the focus will also be on the investigation and optimization of highly functionalized ceramic-based membranes for this purpose. You will also be required to participate in the training events and workshops organized by the ITN.

IEL as a Marie Skłodowska-Curie Actions (MSCA) Fellow, you are also expected to contribute your time in the dissemination of your PhD project’s results through public engagement and other scientific platforms.

Your Profile

We expect

• outstanding relevant scientific degree (e. g. M. Sc. in Chemistry, Biochemistry, Life Science, Molecular Science, or related disciplines)
• profound knowledge and practical experience in synthetic organic chemistry, documented e. g. in a M. Sc. thesis or publication
• profound knowledge and practical experience in enzyme catalysis, documented e. g. in a M. Sc. thesis or publication
• training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-life balance for all its employees.
• good reputation
• outstanding relevant scientific degree (e. g. M. Sc. in Chemistry, Biochemistry, Life Science, Molecular Science, or related disciplines)
• experience with working in interdisciplinary project teams
• profound knowledge and practical experience in enzyme catalysis, documented in e. g. a M. Sc. thesis or publication
• profound knowledge and practical experience in synthetic organic chemistry, documented in e. g. a M. Sc. thesis or publication
• excellent English language skills (written and oral)
• additional language(s) (German, French, Spanish, Russian, etc.)
• team-oriented and cooperative working attitude
• motivation and willingness to spend 18 months on secondment at the industrial project partner AENEAM Advanced Membrane Technologies S. L. in Spain
• motivation and willingness to participate in the training events and workshops organized by the ITN/IEL
• motivation and willingness to present scientific results on conferences and to publish in scientific journals as well as to further disseminate your PhD project’s results through public engagement and other scientific platforms.

Remuneration

Salary will be paid according to the Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 1 of the WissZeitVG (Bund-Lumpen-employment), the contract will end after three years. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. In principle, these full-time positions may be converted into a part-time position, as long as this does not conflict with official needs.

Bielefeld University particularly encourages equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-life balance for all its employees.

Application Procedure

For full consideration, your application should be received via either post (see postal address below) or email (a single PDF is sufficient) with the identification code: wiss19322. Please mark your application with the identification code: wiss19322. Your application should provide your curriculum vitae; a list of all completed degrees (Bachelor, Master, and Ph.D.); a brief summary of your research activities; a statement of interests; and a list of three referees willing to write confidential letters of recommendation. Please do not use application portfolios and only send photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.

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Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de. Please note that the possibility of privacy breaches and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Accordingly, Bielefeld University will not accept and will not disclose personal information.