

Postdoc (m/f/d) in Organic Chemistry, Natural Products, and Chemical Ecology

at the Institute of Organic Chemistry, Technische Universität Braunschweig, Germany in the group of Prof. Stefan Schulz

The position is to be filled on a fixed-term basis for a period of 2 years (Public salary tariff: EG 13 TV-L, full-time). The successful applicant will be given the opportunity for further scientific qualification. Our research group is interested in the Chemistry of communication of various organisms ranging from butterflies to bacteria. We identify volatile and semi-volatile secondary metabolites from limited amounts of material, using GC/MS, GC/IR, and other methods. Proposed structures have to be verified by synthesis. Research is done in cooperation with biologists. The project aims at the identification and synthesis of volatiles from various sources. Therefore, the candidate has to perform both total synthesis and organic trace analysis, as well as microbial fermentation. An interest in biological questions and experience in synthetic organic synthesis is a prerequisite. The applicant should hold a PhD degree in Organic Chemistry or a closely related field. The project is funded by the German Science Foundation (DFG). The full position description can be found at <https://www.tu-braunschweig.de/stellenangebote/wimi/postdoc-m/f/d-in-the-field-of-organic-chemistry-and-natural-products> . Please send the usual documents (cover letter, certificates, CV, etc.) in a single pdf file by 31.7.2024 at the latest via email to Prof. Dr. Stefan Schulz (stefan.schulz@tu-bs.de).

Website: http://www.oc.tu-bs.de/schulz/index_en.html