



PostDoc in natural product based drug design

The research group for drug conjugates at the institute for Organic Chemistry at the Technische Universität Braunschweig (www.klahnlab.de) is currently looking for a PostDoc candidate starting on 01.03.2019 for the total-and semi-synthesis of antimicrobial oligo-peptidic natural product derivatives with novel mode-of-action. In close collaboration with partners from Helmholtz Centre for Infection Research, the Research Centre Borstel and the company BiosolveIT natural product derivatives should be designed and optimized for the development of antimicrobial drug-conjugates and drug-hybrids. Participation in the education, e.g. supervision of practical courses and internships, is expected.

Appropriate candidates should hold a Master degree in Chemistry or Pharmacy and a PhD degree with a focus on organic synthesis, medicinal chemistry or natural product chemistry, with high marks and excellent hands-on knowledge of organic synthesis. Knowledge in the synthesis of oligopeptides, conjugation chemistry and solid phase supported peptide synthesis is a plus. A perfectly equipped scientific surrounding at the host institute and supervision by a young, highly motivated group leader will be provided. The position will be payed with TVL 13 (100%) (under reserve of the fulfillment of the personal requirements) and is planned for 3 years. Applications (incl. CV, certificates and a summary of prior research projects, max. 1 page) may be sent to Dr. Philipp Klahn by email (p.klahn@tu-braunschweig.de). Please combine all attachments into single PDF. Closing date for applications is 31.01.2019. As the TU Braunschweig aspires to support gender equality as defined by the NGG, the applications of female scientists are highly welcome. Applications of disabled persons with equal eligibility will be considered preferentially.