



PhD Position in the design of antimicrobial drug conjugates

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 PhD candidate starting early in 2019 for the development of novel extracellular-targeted antimicrobial drug and fluorophore conjugates based on smart linker technologies. The work will include the synthesis of appropriate carrier molecules, smart linkers and novel derivatives of antibacterial drugs and appropriate fluorophores ready for conjugation. Participation in the education, e.g. supervision of practical courses and internships, is expected.

Appropriate candidates should hold a master degree in organic or medicinal chemistry, with high marks and excellent hands-on knowledge of organic synthesis. 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 paid with TVL 13 (50%) 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.