Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,600 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

In the Faculty of Science the group of Organic and Macromolecular Chemistry of the Department of Chemistry is seeking for applications for the position of a

**Research / PhD student (f/m/d)**

*(Salary level 13 TV-L)*

starting at the earliest possible date. The position (50 % of regular working time) entails a fixed-term contract for the duration of the PhD project in the field of organic and macromolecular chemistry and is initially limited to three years. A prolongation to finish the PhD is possible in accordance with the rules of the Wissenschaftszeitvertragsgesetz (WissZeitVG).

**Position Profile:**
The candidate will work within a collaborative research project “Development of antimicrobial and easy-to-clean surfaces using phosphonic acid containing block copolymers”. The project deals with the synthesis of adsorbable, amphiphilic block copolymers. Based on tailored monomers a toolbox of block copolymers having different composition, block length, end groups, order of blocks etc. will be developed. In depth characterization of the formed layers will guide to the development of efficient antimicrobial and easy-to-clean surfaces. Biological evaluations will be done in cooperation with external partners. The teaching responsibility is usually 2 SWS.

**Your Profile:**
A successful candidate should have a completed university degree in chemistry or any related subject (M.Sc. or comparable). Solid knowledge in the fields of organic chemistry as well as of modern methods for the synthesis and characterization of polymers is required. To successfully accomplish the PhD the candidate should be highly motivated, be an excellent team player with good communications skills and interested in experimental work.

Paderborn University is striving to increase the proportion of women and therefore encourages qualified female academics and researchers to apply. Female applicants with equal qualifications, skills, and achievements in the field will be given preferential consideration according to North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are cogent reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

For any questions regarding the position contact Prof. Dr. Dirk Kuckling.

Applications (preferable as a single PDF-file) should be send with **reference number 5595** to Prof. Dr. Dirk Kuckling via e-mail: dirk.kuckling@uni-paderborn.de until **05.01.2023**.

Information regarding the processing of your personal data can be located at: https://www.uni-paderborn.de/en/zv/personaldatenschutz

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