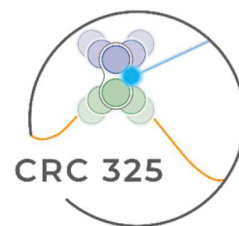




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The Gulder Group is a member of the Faculty of Chemistry and Mineralogy at the University Leipzig, Germany. We are a dynamic, interdisciplinary lab working at the interface of bioorganic chemistry, synthetic methodology, natural product synthesis, and medicinal chemistry. We are currently looking for a highly motivated

PhD Student/ Postdoctoral Researcher

with a solid background in synthetic chemistry and a strong interest in **photocatalysis**. Within the **CRC 325 (Assembly-Controlled Chemical Photocatalysis)**, the projects aim is to establish specific, supramolecular H-bonding networks, formed by fluorinated alcohol-photocatalyst assemblies, as steering tools in photochemical induced polyene cyclization reactions. We specifically want to generate fluoro-alcohol-chromophore supramolecular arrays and systematically investigate their photochemical and photophysical properties.

You should be open for learning new methods and techniques to reach your research goals and should be comfortable to carry out your project independently but be motivated to collaborate with your peers and mentor other students.

If you are enthusiastic about science and wish to work on an exciting and challenging research project of modern physical organic chemistry within an international and interdisciplinary team, we offer you a position is fully funded through the transregional **Collaborative Research Center CRC 325**, an interdisciplinary consortium of synthetic chemists, biochemists, spectroscopists, and theoreticians.

Applications (single .pdf document) should include a letter of motivation, CV, an academic transcript of records, and contact information of two references, preferable in English. Prospective PhD students should apply exclusively to apply-crc325@ur.de and refer to "**Project C3 (Gulder group)**". Candidates for a post-doctoral position should send their application letters directly to tanja.gulder@uni-leipzig.de.

Prof. Dr. Tanja Gulder

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