



The Zeymer Lab is a member of the Department of Chemistry and the newly established Center for Functional Protein Assemblies at TU Munich, Germany. We engineer artificial metalloenzymes for non-natural reactions by combining rational design with laboratory evolution and study the enzymes' structure and mechanism with various biophysical techniques. We are currently looking for a dedicated and talented

PhD Student

who is interested in enzymatic photoredox catalysis. The project aims to enable and control light-triggered radical transformations in the chiral environment of a protein. The PhD position is fully funded through the **Collaborative Research Center CRC 325**, an interdisciplinary consortium of synthetic chemists, biochemists, spectroscopists, and theoreticians, who focus on "Assembly-Controlled Chemical Photocatalysis".

Candidates with a Master's degree in Chemistry or Biochemistry, who are highly motivated to learn about photochemistry and enzyme engineering are encouraged to apply. Previous practical experience in either synthetic organic chemistry and photocatalysis or molecular cloning, protein expression and purification, directed evolution, and enzymology will be of benefit.

If you are enthusiastic about science and wish to work on an exciting and challenging research project at the interface between photocatalysis and biochemistry, please apply by e-mail to apply-crc325@ur.de and refer to "**Project C6 (Zeymer group)**". The application should include a cover letter, CV, transcript of records (BSc and MSc), and contact details to request two reference letters.

For further information about this position, please contact Prof. Dr. Cathleen Zeymer by e-mail.

Prof. Dr. Cathleen Zeymer

Tenure Track Assistant Professor of Protein Chemistry
Technical University of Munich, Germany

E-mail: cathleen.zeymer@tum.de

Group website: <https://www.department.ch.tum.de/en/proteinchemie>