



Postdoctoral Position in Microbial Ecology – Bioplastic, Biodegradation and Biofilms (f/m/d)

(full-time, E 13 TV-L)

Reference No. 2020/248. The scheduled start date is **March 1st, 2021 or by agreement**. The position is available for two years with possibility for extension. In principle, this position can be divided into two part-time positions.

The University of Konstanz is one of eleven Universities of Excellence in Germany. Since 2007 it has been successful in the German Excellence Initiative and its follow-up programme, the Excellence Strategy.

The position is available in the research team for Limnic Microbiology led by **Prof. David Schleheck** as part of a project on microbial degradation of novel plant-oil based polyethylene-like bioplastic materials in collaboration with the research teams for Chemical Materials Science led by Prof. Stefan Mecking and for Physical Chemistry led by Prof. Helmut Cölfen. The project offers an exciting opportunity for candidates wishing to conduct exceptionally innovative research with a strong interdisciplinary focus working at the interface between biology and chemistry. The working language is English.

Your responsibilities

- Establishing biodegradation tests
- Microbial community analysis
- Analytical chemistry (LC-MS, GC-MS)
- Enzymic work

Your Competencies

- PhD degree in Biology, Molecular Biotechnology, or related with outstanding results
- Documented experience in biofilm research and molecular analysis of microbial communities (meta-omics)
- Creativity and initiative, to successfully achieve goals in a team
- Enthusiasm for science at the interface of Chemistry and Biology
- Strong written and oral communication skills in English language

We Offer

- Good development opportunities, extensive training and an attractive remuneration package
- An opportunity to carry out fundamental scientific research in an international team and context
- Responsibility from day one in challenging and versatile research projects

Questions can be directed to Prof. Dr. David Schleheck *via* E-Mail: David.Schleheck@uni-konstanz.de.

We look forward to receiving your application with the usual documents until **15.01.2021** via our **Online Application Portal**.