Postdoc Microbiology (m/f/d)

Our Bioscience Research Division works on innovative and sustainable solutions for our customers in sectors, such as the agricultural sector or food industry. Our goal is to improve the quality of life and protect the environment through bioscience. Our creative and diverse team embodies mutual respect and develops market-driven innovations, which make our customers successful.

**LOCATION**
Ludwigshafen, DE

**COMPANY**
BASF SE

**WORKING HOURS**
Full-time

**WORKING AREA**
Research & Development

**CONTRACT TYPE**
Thesis

**REFERENCE CODE**
EN58674456_RWTH_1

**RESPONSIBILITIES**
As a Post-Doctoral Scientist within our department White Biotechnology Research you are part of an interdisciplinary team developing microbial solutions for industrial applications.

- You will be involved in the evaluation of industrial waste streams / alternative raw materials and their potential for biogas formation or fermentative production of chemicals.
- You will collaboratively plan, coordinate and perform experiments to validate early innovation ideas.
- Furthermore, you will be responsible for literature, competitor and patent analyses in your research area.
- In cooperation with other scientists of the department, internal service units as well as external partners, you will have the chance to experience research in an industrial environment.

**QUALIFICATIONS**

- Doctoral degree in biological sciences or a related field with a focus in microbiology and metabolic pathways with excellent final grades
- Extensive practical experience in anaerobic digestion and alternative renewable resources for fermentation e.g. cellulose or lignin utilization by microorganisms
- Familiar with latest technological developments in the field of anaerobic digestion, pretreatment of complex substrates and process optimization
- A broad spectrum of modern molecular biology methods
- In depth understanding of microbial metabolic pathways, degradation of organic substances and microbial physiology
- Strong communication skills in German as well as English and the ability to work as part of interdisciplinary teams

**BENEFITS**
From day one you will be part of the BASF family. You will get involved in challenging fields of activity and have the opportunity to work on exciting projects in an interdisciplinary environment. Depending on the location of the respective group company you will get to know BASF and participate in various workshops and guided tours. In this way you will make numerous interesting experiences and get a deep insight into the world’s leading chemical company. Information regarding internships: on.basf.com/internship

**ABOUT US**
Do you have any questions about the application process or the job? Ms. Darleen Griesert (Talent Acquisition) +49 (0) 30 2005 58701

Please note that we do not return paper applications including portfolios. Therefore, please only submit copies and no originals.

Ludwigshafen is the world’s largest integrated chemical complex and home to BASF Group headquarters. Located in the heart of Europe’s Rhine-Neckar metropolitan region, you will find this to be an attractive place for both work and leisure time. Learn more about BASF SE at http://on.basf.com/Headquarters

At BASF, the chemistry is right. Because we are counting on innovative solutions, on sustainable actions, and on connected thinking. And on you. Become a part of our formula for success and develop the future with us - in a global team that embraces diversity and equal opportunities irrespective of gender, age, origin, sexual orientation, disability or belief.

Together we can accomplish everything. Through the power of connected minds.

We are looking forward to your online application at www.basf.com/jobs.
We are happy to answer your questions: Email jobs@basf.com | Tel 00800 33 0000 33