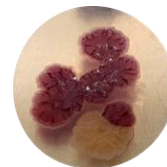


We are seeking for motivated
Postdoctoral and Doctoral Researchers (f/div/m)
in the Research Area of **Natural Product Chemistry**

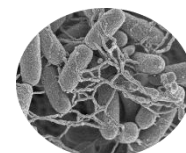


Start: Autumn 2022

The [Beemelmans Lab](#) is seeking for new members of the DFG Research project **OMICS** in the frame of the FOR [CytoLabs](#), which aims for a better understanding of the function and structural diversity of fungal NRPS-PKS derived natural products.

We offer PhD and Postdoctoral projects related to

- Natural product isolation and characterization
- Comparative metabolomic analysis of bacteria and fungi, or co-cultures thereof
- MS-based imaging analysis of microbial interactions
- Activation of cryptic pathways and metabolites using interaction assays
- Combinatory bioactivity assays
- Management of collaborative research efforts



We offer a dynamic and highly motivated [research group](#) embedded in an outstanding scientific environment and a highly integrative network of life science- and technical science institutes and groups. We offer excellent technical facilities, work in a committed team, as well as strong scientific collaborations. **The student will have possibilities to realize own innovative ideas and develop own project directions.**

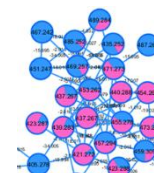
More information: <https://www.beemelmans-lab.de/> and @CBeemelmans

Main requirements:

- **A passion for novel chemical structures**
- Master of Science for PhD position
- PhD degree or equivalent for Postdoc position
- Candidates about to obtain their degree are welcomed to apply.
- University degree in chemistry, biochemistry or a related discipline
- Capability to work both independently and team- and project oriented
- Very good communication skills in English

Ideally, candidates should have hand-on experience and knowledge in one or more of the following:

- Microbial cultivation techniques (fungal, bacterial or viral samples)
- Metabolic analysis of microbial (co-) cultivations
- HRMS/MS and/or NMR techniques
- natural product chemistry
- data analysis and database management



If you are interested, please send the following documents to christine.beemelmans@uni-leipzig.de:

- a tabular CV, copies of academic certificates, a brief statement of work experiences and interests, the addresses of possible referees, and at least one recommendation of an academic mentor.
- the email header of the application email should be entitled: **Natural Product Chemistry – 2022CB**
- Open call, evaluation on rolling basis.