

# PhD position in Pharmaceutical Biology (ERC Starting Grant project) (m/f/d)

Naturwissenschaftliche Fakultät, Erlangen, TV-L E 13, Vollzeit, Befristete Anstellung: 36 Monate, Bewerbungsschluss: 10.07.2024

## Ihr Arbeitsplatz

At the Chair of Pharmaceutical Biology at the Faculty of Natural Sciences at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), we develop new drug carriers and biomaterials that utilize principles found in nature to better treat bacterial infections. We study the communication between bacteria and cells to discover new therapeutic approaches for inflammatory diseases. Another area of research is the isolation of new antimicrobial and cytostatic natural products from pharmacopoeial plants ([www.pharmbio.nat.fau.de](http://www.pharmbio.nat.fau.de)).

## Wir haben einiges zu bieten: Unsere Benefits

- Regular promotion to the next level and increase in salary pursuant to the collective bargaining agreement for the public service of the German Länder (TV-L) or remuneration pursuant to the Bavarian Public Servants Remuneration Act (BayBesG) plus an additional annual bonus
- 30 days annual leave at five working days per week with additional free days on December 24 and 31
- Occupational pension scheme and asset accumulation savings scheme

## Ihre Aufgaben

- Developing and applying new drug carriers and biomaterials inspired by natural principles
- Investigating the communication between bacteria and cells to discover new therapeutic approaches for inflammatory diseases
- Assisting in the scientific support and mentoring of BSc/MSc students
- Collaborating with pharmacists, chemists, and biologists within a multidisciplinary research environment
- Participating in practical courses and potentially assisting in conducting them

## Ihr Profil

- A degree in Pharmacy, Biology, Biotechnology, Microbiology, or a related field from a nationally or internationally recognized institution
- Previous experimental experience with cell and/or bacterial culture, molecular biology methods, and analytics is desirable but not required
- Experience in conducting practical courses and licensure as a pharmacist is an asset but not required

- Proficiency in MS Office and literature review processing software (e.g., Endnote/Citavi, SigmaPlot)
- Fluent written and oral communication skills in English
- Good to very good knowledge of the German language is advantageous
- Proactive attitude towards new projects and methods
- Ability to work independently and as part of a team

## **Stellenzusatz**

We invite both national and international candidates to apply.

The position is remunerated at 55% (E13 TV-L) of a full-time position.

