



## SUSTAINABLE AND SEQUENCE-DEFINED ANTIBODIES

Abcalis is a biotechnology spin-off from the TU Braunschweig focusing on developing, producing and distributing animal-free recombinant antibodies. **Our vision is to establish totally animal-free antibodies as a standard for research and diagnostics.** We are looking for **supporters on our mission to revolutionize research and diagnostics by substituting ordinary antibodies with cruelty-free antibodies.**

## PostDoc (w/m/d) – Biochemistry/Biotechnology/Life Sciences

Full time (40 h/week) – limited for 3 years

### Tasks & Responsibilities:

We are looking for a PostDoc with passion for Life Science and Chemistry to start immediately. Join our team and take part in an international EU project developing an innovative detection system for GHB in the context of drug abuse and forensic evaluations together with research units and police departments all over Europe. Your project covers the immobilization of the small molecule GHB to a solid surface and the screening for animal-free recombinant antibodies. Therefore, you are going to be part of an international team and to lead the important part of the project to generate analyte-specific antibodies. Initially, the position is limited to 3 years (duration of the grant) with the prospect of a permanent position.

Following tasks will be part of your project:

- Planning and development of methods for immobilization of small molecules to a solid surface
- Generation and characterization of new antibodies via phage display
- Antibody engineering for immuno assay development
- Monitoring and planning production and purification of project related antibodies
- Establishing new methods and implementation into our internal processes
- Project management in a European consortium (Reports, meetings all over Europe, management of subcontractors)

### Your profile:

- You have Ph.D. in biochemistry, life science, or anything related which contributes to our team and to the project
- You have good knowledge in molecular biology, biochemistry and organic chemistry and love to be creative using that knowledge
- Preferably, you have some work experience in the life science industry
- You have the ability to work both independently and collaboratively in a dynamic start-up setting
- You have a strong analytical and problem-solving mindset paired with good oral and written communication skills (fluent in English and German)
- You have project management skills
- You have a passion for research and hands-on lab work
- You have passion for this exciting project, even if your profile does not match 100%

## Why Abcalis:

We are a young and growing company with an open, fair and positive culture. We offer you a lot of personal responsibility in a young and agile team with flat hierarchies, short decision-making paths and the potential to gain knowledge and skills and contribute in an interdisciplinary way. Furthermore, we offer you:

- A position with a lot of responsibilities in a highly innovative company
- A budget for further training measures
- A work environment with a good work-life-balance
- A yearly compensation of 45,000 - 50,000 €.

Is that exactly what you are looking for? Then we look forward to receiving your detailed application (German or English) at [hello@abcalis.com](mailto:hello@abcalis.com) as soon as possible. Our contact person for your application is Dr. Laila Al-Halabi-Frenzel.

You can also find more information about Abcalis GmbH at [www.abcalis.com](http://www.abcalis.com).

## Additional information:

The position is generally suitable for part-time work, but should be filled 100%. The weekly working time at 100% is 40 hours. The position is initially limited to 3 years.

We strive to reduce under-representation in all areas and positions in accordance with the NGG. For this reason, applications from women are particularly welcome and can be given preferential consideration in accordance with § 11 NGG. Part-time employment can be made possible on request. Severely disabled persons will be given preference if equally qualified. Proof must be enclosed with the application. Applications from people of all nationalities are welcome.

The reimbursement of costs for an interview is unfortunately not possible. Personal data will be stored for the purpose of carrying out the application process (in accordance with EU GDPR).

