



The German Federal Institute for Risk Assessment (BfR) is the national institute which prepares expert reports and opinions on questions of food, feed and chemical safety and consumer health protection in Germany on the basis of internationally recognised scientific assessment criteria. It advises the Federal Government and other institutions and interest groups in these areas. The BfR conducts independent research on topics that are closely linked to its assessment tasks. It is an institution with legal capacity within the portfolio of the Federal Ministry of Food and Agriculture (BMEL).

In the department Pesticides Safety of the BfR is in the unit “Testing and Assessment Strategies for Pesticides” from immediately temporary to fill the following position:

Doctoral Candidate for EFSA-Sponsored Third-Party Funded Project “ADME4NGRA” (f/m/d)

Reference number: 3254 | Salary group 13 TVöD | Place of work: Berlin | Application period: 30.05.2023

The position is part-time, with 65% of the regular weekly working hours (currently 25.35 hrs.). The time limit is set on the basis of the Act on Fixed-Term Contracts in Academia (Wissenschaftszeitvertragsgesetz).

The position should be used for a doctorate. Participation in the accompanying doctoral programme is compulsory. This serves to impart both scientific and methodological knowledge and offers the opportunity to regularly present doctoral projects in internal events and benefit from scientific exchange.

The EFSA joint project “ADME4NGRA” (ADME for Next-Generation Risk Assessment) is intended to create and test standardised test protocols for ADME models in vitro and in silico.

Tasks:

- Experimental research on the establishment of Common Kinetic Groups (CKGs) and grouping of pesticide active ingredients according to toxicokinetic properties
- Scientific development and application of in vitro tests to investigate the toxicokinetic effects of pesticide active ingredients with regard to the possible induction and/or inhibition of CYPs and transporters
- Application of in silico tests to determine corresponding properties
- Implementation of cell biological (work with cell cultures), molecular biological (qPCR, transcriptome analysis) and protein biochemical methods (Western blot, immunoprecipitation) as well as reporter gene assays
- Interdisciplinary research in the fields of analytics and toxicology
- Preparation of scientific reports, presentations, publications and conference contributions
- Participating in national and international conferences
- Participation in the advanced training program for doctoral students of the BfR

Requirements:

- University degree (master's, diploma or equivalent university degree) in biology, biochemistry, biotechnology, chemistry, food chemistry, pharmacy, veterinary medicine or a similar subject
- Practical knowledge of cell culture methods (cultivation of primary cells/cell lines; qPCR; western blot; immunofluorescence, reporter gene assays) desirable
- Knowledge of the application of in silico ADME models desired
- Knowledge of analytical chemistry (LC-MS) desired
- A high level of commitment and willingness to learn is required
- Very good Knowledge of spoken and written English required
- Good knowledge of the German language desired
- Good computer skills and a conscientious way of working, flexibility, the ability to work in a team and resilience as well as the willingness to travel on business are required

What we can offer you:

- A varied range of tasks in a growing departmental research institution
- 30 days' annual leave (5-day week) plus 24 and 31 December as non-working days
- Trust-based working hours
- Attractive subsidy for the company ticket/Deutschlandticket Job
- Mobile working options
- Very good connection to the public transport network
- Comprehensive further training opportunities for professional and personal development
- VBL company pension
- Capital accumulation benefits
- Employee welfare (AWO) family service

Application process:

Does this position appeal to you?

[apply online](#)

Then please apply by **30.05.2023** via our online system.

Please address any questions in connection with the application process to bewerbung@bfr.bund.de. – **Please do not send any applications to this email address –**

If you cannot apply online, please send a postal application to [Bundesinstitut für Risikobewertung / Personalreferat / Max-Dohrn-Str. 8- 10 / 10589 Berlin](#)

Please address any questions about the area of responsibility to:

Dr. Marx-Stoelting Tel.: + 49 (0)3018412-26600

Dr. Bloch Tel.: + 49 (0)3018412-56601

You will find more information on our homepage: www.bfr.bund.de/de/stellenanzeigen

The BfR welcomes applications from people of all nationalities.

The BfR is an innovative scientific institute offering family-friendly working conditions. for which it was awarded the "audit berufundfamilie®" (work and family) certificate. The BfR guarantees equal career opportunities for women and men. In the case of equal suitability, severely disabled applicants will be given preferential consideration and are only required to have a minimum level of physical suitability.

