



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 its own 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 Safety in the Food Chain of the BfR is in the unit “Plants and Mycotoxins” from immediately permanent to fill the following position:

Scientific Officer for Instrumental Analysis and IT (m/f/d)

Reference number: 2917/2021 | up to Salary group A14 BBesO

Part-time employment is possible.

Remuneration will be paid in line with the tasks undertaken and the applicant's qualifications.

The post will be granted on condition that the client meets the general civil service law requirements and possesses all the appropriate qualifications. The post can alternatively be filled by a salaried employee (TVöD).

Tasks:

- development, optimisation and validation of analytical methods (mainly based on liquid chromatography coupled with mass spectrometry - LC-MS/MS, LC-HRMS) within the scope of the activities of the National Reference Laboratory (NRL) for mycotoxins and plant toxins as well as in research projects
- Active involvement in the development of approaches to digitisation in the field of food safety and risk assessment, including workflows for mass spectrometry data evaluation, creation of and linking databases and mathematical models, application of statistical/chemometric approaches
- Conceptualisation, planning and heading of research projects on the advancement of analytical techniques for mycotoxins and/or plant toxins by means of targeted and non-targeted mass spectrometric methods as well as approaches to the identification of emerging risks and digitization in the area of food safety
- Acquisition of third-party funding for corresponding research projects
- Publication of results in peer-reviewed scientific journals, writing of specialists opinions and reports
- Presentation of results at symposia and international conferences Supervision of students and doctoral candidates in the context of research projects and theses
- Participation in national and international committees
- Instruction of technical staff

Requirements:

- Completed university degree (master's, diploma or equivalent university degree) in chemistry, food chemistry or a comparable subject, doctorate required
- Extensive experience in instrumental analysis using chromatographic and mass spectrometric techniques is required
- Knowledge of computer science, bioinformatics or similar, programming skills, experience with AI/machine learning are an asset
- Knowledge of the evaluation of complex data using statistical or chemometric methods is required
- Experience in heading and management of research projects and established national and European networks are favourable
- The ability to perform independent scientific work is a prerequisite
- Proven experience in presenting and publishing scientific results
- Professional practice in a laboratory setting accredited according to DIN EN ISO/IEC 17025 and the validation of analytical methods is advantageous
- Experience in supervising students and doctoral candidates is an advantage
- A very good spoken and written knowledge of German and English is required
- Very good IT skills as well as a conscientious approach to work, commitment, flexibility, ability to work in a team and resilience, as well as willingness to travel on business, are all required

What we can offer you:

- Flexible working hours without core working time
- 30 days' annual leave (based on a 5-day week)
- Mobile working opportunities
- Excellent connection to the public transport network
- Wide range of further training opportunities
- Travel pass
- VBL occupational pension
- Capital-forming benefits
- AWO-Familienservice/Family Service

The place of employment is Berlin.

Application process:

Does this position appeal to you?

[Apply online](#)

Then please apply by **12. December 2021** 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 - 11.17 - / Max-Dohrn-Str. 8-10 / 10589 Berlin](#)

Please address any questions about the area of responsibility to:

Dr. Weigel **Tel.: +49 30 18412-28500**

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 the BfR 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.