



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 of Pesticides of the BfR is in the unit „Testing and Assessment Strategies“ from immediately for 3 years the following position available:

Scientific co-worker / PhD student (f/m/d)

Kennziffer: 2985/2022 |

65 % Entgeltgruppe 13 TVöD

General background:

RISK-HUNT3R is a European research project to develop a new modular framework for animal-free next generation risk assessment (NGRA) driven by world-leading experts from various disciplines.

The RISK-HUNT3R vision is to combine human exposure scenarios, in vitro hazard assessment, and NAM-based toxicokinetic and toxicodynamic testing, followed by integrative risk assessment via computational approaches and decision-making based on weight of evidence.

The planned doctoral thesis lies at the interface between in silico-based New Approach Methods (NAM) and regulatory toxicology.

In detail, the activities within the scope of the advertised position include:

- Modeling of Adverse Outcome Pathways (AOP) in silico
- Bioinformatic preparation and statistical analysis of omics data
- Contributing to the development of regulatory concepts for ab initio testing using in silico based NAMs
- Publication of results

Requirements:

- Completed university studies (Master, Diploma (Uni) or a comparable university degree) in bioinformatics, chemoinformatics, computer science or a comparable discipline
- Experience with modeling omics data is an advantage
- Experience in the field of toxicology advantageous
- Publication experience advantageous

- Knowledge of R, KNIME
- Ability to work independently in a scientific and conceptual capacity as well as to responsible, reliable and committed performance of tasks
- Very good knowledge of written and spoken English required
- Good computer skills and a conscientious approach to work, flexibility, team spirit and the ability to work under pressure are required.

What we can offer you:

- An exciting and responsible job in a friendly and competent team within the framework of a forward-looking international research project in the field of consumer protection
- Flexible working hours without core working time
- 30 days' annual leave (based on a 5-day week)
- Mobile working options
- Very good connection to the public transportation network
- Extensive training opportunities
- Job ticket
- VBL company pension
- Capital accumulation benefits
- Employee welfare (AWO) family service

The place of employment is Berlin.

Application process:

Does this position appeal to you?

Then please apply by 02. March 2022 via our online system:

[online bewerben](#)

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. Philip Marx-Stoelting

Tel.: 030 18412-26600

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.

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