JOB ADVERTISEMENT

The German Federal Institute for Risk Assessment (BfR) is the national institute which prepares expert reports and opinions on questions concerning the safety of food, feed and chemicals, as well as consumer health protection, on the basis of internationally recognised scientific evaluation 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).

The following temporary position is to be filled with immediate effect for a period of three years in the Food Safety department at the BfR in the “Nanotoxicology” junior research group:

Doctoral Candidate
- Salary group 13 TVöD -

Reference number: 2140/2018

The position involves 50% of regular weekly working hours (currently 19.50 hrs).

Employment is to be used to obtain a doctorate. The BfR offers a comprehensive doctorate study programme which serves to convey specialised as well as methodical knowledge and provides the opportunity to present PhD projects regularly at internal events and to benefit from a scientific exchange of ideas and experiences. Participation in the doctorate programme is a mandatory part of the position.

Duties:

- Scientific collaboration in the Nanotoxicology junior research group within the scope of a cooperation project with the Technical University of Denmark (DTU) in the project "Oral uptake and effect of nano and microplastics in the intestine and liver"
- Conducting and evaluation of experimental analytical and biochemical duties within the scope of the above-mentioned research topic
- Collaboration in the establishment of new analytical, molecular biological and biochemical methods for the characterisation of nanomaterials, quantification of nanomaterials in complex matrices and examination of the endpoints relevant to transport mechanisms and toxicology
- International cooperation with the DTU
- Compilation of results for presentations, posters and project reports
- Publication of research results
- Supervision of undergraduates, postgraduates and interns
Requirements:

- University degree (master’s, diploma) or comparable university degree in Food Chemistry, Biochemistry, Molecular Biology, Biotechnology or comparable subject
- Practical experience of analytical, cytological or molecular biological methods
- Knowledge of the evaluation and interpretation of analytical and toxicological data
- Knowledge of the bioinformatic evaluation of complex data sets (“omics”) of advantage
- Practical experience in the field of the in vitro toxicology of nanoparticles or with the investigation of transport mechanisms of advantage
- Very good written and spoken English
- Good computer literacy as well as a conscientious work approach, flexibility, ability to work in a team and the ability to cope with pressure are prerequisites

The place of work is Berlin.

More detailed information is available from Dr. Sieg (Tel.: 030 18412-4683) and Prof. Dr. Dr. Lampen (Tel.: 030 18412-3747).

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, and is therefore particularly interested in receiving applications from women. 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.

Application procedure

Does this appeal to you?

Then please submit your application via our online system by 07 January 2019:

Apply online

If you have any questions regarding the application procedure, please contact: bewerbung@bfr.bund.de. Please do not send any applications to this e-mail address.

If you are unable to submit your application online, you have the option of sending it by standard mail, stating the relevant reference number (Bundesinstitut für Risikobewertung, Personalreferat - 11.17 -, Max-Dohrn-Str. 8-10, 10589 Berlin, Germany).
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