

## Bf3R Research Funding *Replacement, Reduction, Refinement*

Every two years, the German Centre for the Protection of Laboratory Animals (Bf3R) at the German Federal Institute for Risk Assessment (BfR) awards funds for scientific research projects in accordance with the 3R principle (*Replace, Reduce, Refine*). The total budget of approx. 350,000 Euros per year enables the funding of up to 10 projects with a funding volume of approx. 35,000 euros per year and a total duration of up to 3 years.

### Aim of the Bf3R research funding

In particular, **young scientists** should obtain the opportunity to work on innovative and ambitious research projects that challenge established knowledge and question conventional hypotheses as part of a *proof-of-concept* study in order to obtain experimental data for a successful follow-up application for further funding (e.g. DFG, BMBF).

### Requirements for the project

**High scientific quality and originality** of the research project on an international level, for the development of alternative methods according to the 3R principle are prerequisites.

### High priority for Bf3R funding:

The **replacement** and **reduction** of animal testing in basic biomedical research, the particular area in which the majority of laboratory animals are used (e.g. cancer research), or areas in which the individual animal is heavily stressed (e.g. sepsis or wound healing experiments).

The identification, classification and reduction of pain, suffering or harm to animals and the improvement of housing conditions of experimental animals (**refinement**).

The development and application of **innovative methods** and **technologies** of cell and tissue culture, molecular biology, genetics and microscopy as well as bioimaging and *in silico* methods are explicitly desired.

Projects based on animal experiments (e.g. in the area of *refinement*) have to be pre-registered in the new Bf3R "**Animal Study Registry**" before submission. You will find further information online: [www.animalstudyregistry.org](http://www.animalstudyregistry.org)

### Who can apply for the funding?

Suitable applicants are public and non-public universities located in Germany, non-university research institutions, as well as companies in the industrial sector with research and development capacity. Applicants from all scientific disciplines with a completed academic education may apply (usually doctorate), but also PhD students are eligible if that they have access to the laboratory equipment needed for the successful implementation of the project.

### Where to submit project proposals?

Applicants can submit project proposals (encompassing the project description & excel application folders) containing planned research objectives and a detailed statement regarding the required personnel, equipment, and consumables including estimated costs until **May, 31<sup>st</sup> 2019** to:

**Bundesinstitut für Risikobewertung (BfR)**  
ZEBET  
Postfach 12 69 42  
D-10609 Berlin

and additionally per email to:  
[Extramurale.Forschung@bfr.bund.de](mailto:Extramurale.Forschung@bfr.bund.de)

Further information are available online:  
[www.bf3r.de/en](http://www.bf3r.de/en)