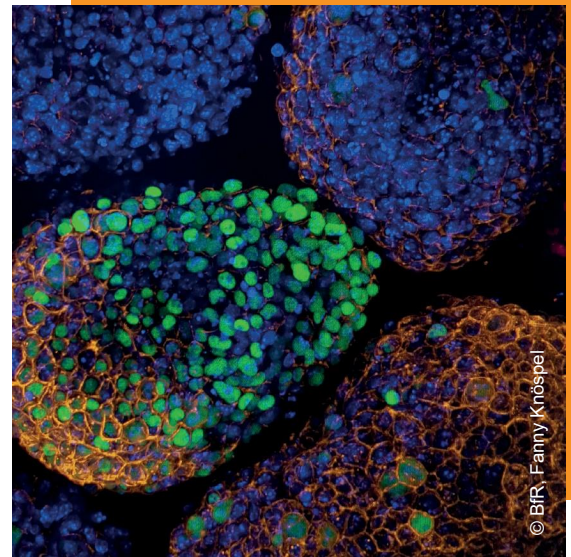


# Bf3R Research Funding

## Replacement, Reduction, Refinement

Application 2023



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*). With a total budget of approx. 105,000 euros per project, up to 10 projects with a funding volume of approx. 35,000 euros per year and a total duration of up to 3 years are funded.

### 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

**Excellent scientific quality** and **originality** of the research project on an international level, for the development of alternative methods in Germany according to the 3R principle are prerequisite sites.

### 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 virtual reality** and **in silico methods**, and **technologies** of molecular biology, genetics and microscopy by using 3D cell culture, organ-on-a-chip, Tissue Engineering, 3D simulation and bioimaging are explicitly desired.

Projects based on animal experiments (e. g. in the area of refinement) have to be pre-registered in the Bf3R “Animal Study Registry” at time of funding. You will find further information online: [www.animalstudyregistry.org](http://www.animalstudyregistry.org)

### Who can apply for the funding?

Eligible to apply are **in Germany** located:

- public and non-public universities
- non-university research institutions
- 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 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) considering the FAQs and the template “Gliederung der Projektbeschreibung” until **May, 31st 2023** to:

Bundesinstitut für Risikobewertung (BfR)  
Fachgruppe 91 - 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](http://www.bf3r.de)