

## Transdisciplinary Research Prize “Modelling for Life and Health”

The University of Bonn Transdisciplinary Research Areas (TRAs) “Modelling” and “Life and Health” aim to support highly innovative, transdisciplinary research projects addressing new and relevant questions at the interface between Mathematics or Computer Sciences and the research topics of “Life and Health” or aimed at the development of new tools, which push the borders of existing research questions in this area.

The innovative and cross-disciplinary nature of the proposal is the most important requirement for funding. A continuation of already established projects, or projects well within past research trajectories, will not be funded.

The successful proposal will receive a funding of up to 120.000 EUR. This funding can be freely used over a period of up to 2 years within DFG funding regulations. The application should contain the outline of a spending plan.

Expected are joint applications from two project leaders, one from TRA Modelling and one from TRA Life and Health. University members of the TRAs Modelling and Life and Health are eligible to apply. Funding can also be awarded to postdocs hosted within the groups of the university TRA members.

The proposal should contain a convincing and conclusive description of the planned project and its innovative and transdisciplinary character. We are committed to sharing algorithms, methods and data/code within the scientific community. The proposal should therefore also describe briefly how this will be achieved and how other researchers from Bonn and beyond will be able to profit from or access the expected results.

The applicants may choose the most appropriate way to present their ideas but the written proposal (including figures) should not exceed 8 pages including all material (DIN A4). There is no mandatory formatting, but applicants should make clear the state of the art, explain how the proposal goes beyond it and provide a balanced description of feasibility and risky aspects of the project. The proposal should be concise, but still be understandable without additional resources.

Application deadline is **March 31, 2023**.

### Selection process

The proposals will be evaluated by the steering committees of TRA Modelling and TRA Life and Health.

Selection criteria will be:

- Innovativeness
- Transdisciplinary character
- Quality of the proposed project
- Qualification of the applicants for this project
- Potential to create impact for future collaborative research between the TRAs “Modelling” and “Life and Health”

Exclusion criteria are:

- Projects well within current research trajectories
- Projects not driven forward by members of the two disciplines
- Continuation of running projects

### Guidelines

- The application should contain a summary (max. 300 words) and the description of the proposal (not more than 8 pages), as well as a short CV of the applicants.
- Regarding the spending plan: If funding of a PhD student is planned, please state how supervision will be organized and how funding after the initial TRA-funded period will be guaranteed. No investment costs for basic equipment can be covered. In case of project-related acquisitions, maintenance and depreciation must be ensured by the applicants' institutions.

- A final report will have to be submitted at the latest four months after the end of the project to the TRA management.

Please submit your application in one PDF file to [life-and-health@uni-bonn.de](mailto:life-and-health@uni-bonn.de) until **March 31, 2023**.

For questions, please contact Dr. Daniel Minge ([tra1@uni-bonn.de](mailto:tra1@uni-bonn.de)) or Dr. Meike Brömer ([life-and-health@uni-bonn.de](mailto:life-and-health@uni-bonn.de)).