Transdisciplinary Research Prize “Where Physics meets Biomedical Sciences”

The University of Bonn transdisciplinary research areas “Matter” and “Life and Health” aim to support highly innovative, transdisciplinary research projects addressing new and relevant questions at the border between Physics and Biomedical Sciences and/or pushing the borders of technical feasibility of such a research project.

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.

Successful proposals 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. A follow-up funding may be granted in exceptional cases.

Expected are joint applications from two project leaders, one from Physics and one from the area of “Life and Health”. University members of the TRAs “Matter” 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. 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 July 15th 2021.

Selection process
The proposals will be evaluated by the steering committees of TRA Matter 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 “Matter” 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 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 two years will be guaranteed.
- A final report will have to be submitted at the latest four months after the end of the project to the TRA manager.

Please submit your application in one PDF file to tra2-matter@uni-bonn.de until July 15th, 2021.
For questions, please contact Dr. Birgit Westernströer (tra2-matter@uni-bonn.de) or Dr. Meike Brömer (life-and-health@uni-bonn.de).

Ulrike Thoma & Peter Vöhringer
- Speakers TRA Matter -

Waldemar Kolanus & Heinz Beck
- Speakers TRA Life and Health -