

**Proposal to the Deutsche Forschungsgemeinschaft
(German Research Foundation)**

Kennedyallee 40, 53175 Bonn

on the granting of a research project

Project Title

First-Time Research Grant

Prof. Name Author
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University 1
Street Number, 012345 Germany

and

Author 2
Institute 2
University 2
Street Number, 012345 Germany

September 27, 2021

Project Description – Project Proposals

Prof. Name Author

Institute 1, University 1 (Abbr)

Author 2

Institute 2, University 2 (Abbr2)

Project Title

Project Description

1 Starting Point

1.1 State of the art and preliminary work

This is a dummy citation [HM17]. Yeah. And another one [GH18]. Wuhuh. These citations [Höl16; Des18] will not be shown in the “3 Bibliography” section, because they are already listed as `\addtocategory{reviewed}{Hoelzer:16}` and `\addtocategory{nonreviewed}{Desiro:18}` in the preamble and therefore shown in subsections *Articles published by outlets with scientific quality ...* and *Other publications, both peer-reviewed and non-peer-reviewed*.

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1.2 Project-related publications

1.2.1 Articles published by outlets with scientific quality assurance, book publications, and works accepted for publication but not yet published

[Höl16] M. Hölzer et al. “Differential transcriptional responses to Ebola and Marburg virus infection in bat and human cells.” In: *Sci Rep* 6 (2016), p. 34589. DOI: [10.1038/srep34589](https://doi.org/10.1038/srep34589).

1.2.2 Other publications, both peer-reviewed and non-peer-reviewed

[Des18] D. Desiro, M. Hölzer, B. Ibrahim, and M. Marz. “SilentMutations (SIM): a tool for analyzing long-range RNA-RNA interactions in viral genomes and structural RNAs.” In: *bioRxiv* (2018), p. 424002.

1.2.3 Patents

1.2.3.1 Pending

None.

1.2.3.2 Issued

None.

2 Objectives and work programme

2.1 Anticipated total duration of the project

Financial support is requested for [TODO: three years].

2.2 Objectives

Goal 1 Goal one is...

Goal 2 Goal two is...

2.3 Work programme including proposed research methods

Describe the work packages [TODO: ca. 6-8 pages; ca. 4-8 WPs]

WP 1 Title of this WP.

In this work package, we will do amazing things.

In particular, we will... Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

WP 1 – Summary

Aim: In this work package, we do a lot of things...

Method: Based on our unique

Outcome:

- Amazing
- Things

WP 2 Title of the Second WP.

In this work package, we will do amazing things.

In particular, we will... Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

WP 2 – Summary

Aim: In this work package, we do a lot of things...

Method: Based on our unique

Outcome:

- Amazing
- Things

Time considerations [TODO: put timeline here, if needed]

3 Bibliography concerning the state of the art, the research objectives, and the work programme

- [GH18] R. Gerst and M. Hölzer. “PCAGO: An interactive web service to analyze RNA-Seq data with principal component analysis.” In: *bioRxiv* (2018), p. 433078.
- [HM17] M. Hölzer and M. Marz. “Software Dedicated to Virus Sequence Analysis ”Bioinformatics Goes Viral”. In: *Adv Virus Res* (2017).

4 Relevance of sex, gender and/or diversity

[TODO: Text]

5 Supplementary information on the research context

5.1 Ethical and/or legal aspects of the project

5.1.1 General ethical aspects

[TODO: Text]

5.1.2 Descriptions of proposed investigations involving experiments on humans or human materials

[TODO: Text]

5.1.3 Descriptions of proposed investigations involving experiments on animals

[TODO: Text]

5.1.4 Descriptions of projects involving genetic resources (or associated traditional knowledge) from a foreign country

[TODO: Text]

5.1.5 Descriptions of investigations involving dual use research of concern, foreign trade regulations

[TODO: Text]

5.2 Data handling

Data generated during this project will be used for scientific publications in preprint and peer-reviewed journals. Therefore, all necessary data (such as raw sequencing data) will be deposited in publicly available repositories ([NCBI GEO](#) and [SRA](#), [OSF](#)). To allow complete reproducibility of all analyses, the source code and executed commands will be also made publicly available ([GitHub](#)). Thus, all relevant data will become accessible for future use. [TODO: FAIR principals]

5.3 Other information

In submitting a proposal to the DFG, I agree to adhere to the DFG's rules of good scientific practice and the [FAIR principles](#).

6 People/collaborations/funding

6.1 Employment status information

Hölzer, Martin – postdoctoral researcher, [TODO: additional information]

Figure 1: warp reactor

6.2 First-time proposal data

Hölzer, Martin.

6.3 Composition of the project group

The following individuals will work on the project but will not be paid out of the project funds:

- Dude1
- Dude2

6.4 Researchers in Germany with whom you have agreed to cooperate on this project

[TODO: Text]

6.5 Researchers abroad with whom you have agreed to cooperate on this project

[TODO: Text]

6.6 Researchers with whom you have collaborated scientifically within the past three years

- Prof. Dr. Dr. Foo Bar

6.7 Project-relevant cooperation with commercial enterprises

None.

6.8 Project-relevant participation in commercial enterprises

None.

6.9 Scientific equipment

[TODO: Text] As something can be seen in figure 1 [TODO: the figure has to be made].

6.10 Other submissions

[TODO: Text]

7 Requested modules/funds

7.1 Basic Module

7.1.1 Funding for Staff

The following staff positions are requested for [TODO: xx] years each:

Research associate, TV-L 13, 36 months	36 × 5375.00 €
Hiwi, TV-L 13, 12 months	12 × 450.00 €
<hr/>	
Total funding for staff	198 900.00 €

7.1.2 Direct Project Costs

7.1.2.1 Equipment up to 10 000 €, Software and Consumables

Next-Generation Sequencing, Illumina HiSeq 2500	3000.00 €
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7.1.2.2 Travel Expenses

We apply for a total of 10 000 € for travel expenses.

Travel	10 000.00 €
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7.1.2.3 Visiting Researchers (excluding Mercator Fellows)

None.

7.1.2.4 Expenses for Laboratory Animals

None.

7.1.2.5 Other Costs

None.

7.1.2.6 Project-related publication expenses

We apply for a total of 1500€ for publication expenses (750€ per year). Furthermore, we will submit articles to open access preprint repositories such as [bioRxiv](#).

Publication costs	1500.00 €
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Total direct project costs	14 500.00 €
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7.1.3 Instrumentation

7.1.3.1 Equipment exceeding 10 000 €

Our laboratory is well equipped; all necessary instruments are available.

7.1.3.2 Major Instrumentation exceeding 50 000 €

Our laboratory is well equipped; all necessary instruments are available.

7.2 Module Temporary Position for Principal Investigator

[TODO: Text]

7.3 Module Replacement Funding

[TODO: Text]

7.4 Module Temporary Clinician Substitute

[TODO: Text]

7.5 Module Mercator Fellows

[TODO: Text]

7.6 Module Workshop Funding

[TODO: Text]

7.7 Module Public Relations

[TODO: Text]

7.8 Module Standard Allowance for Gender Equality Measures