Excellence Programme:  
DZHK Junior Research Groups EX.2a-A

- Research proposal -

Please refer to the DZHK funding guideline for ‘DZHK Junior Research Groups’ (EX.1-A) for objectives that can be financially supported.

The research proposal consists of two parts, the ‘Description of research’ (A) and the ‘Appendix’ (B) which includes the curriculum vitae (CV) and a list of publications. Please prepare your research proposal in English. Part A, ‘Description of research’, should not exceed 10 pages including all sections and references and should be structured according to the sections listed below. The CV should be no more than two pages. The CV and the list of publications should follow the provided templates.

Comments on ethics and relevant animal protocols including documentation of approval or submission, dates and protocol numbers from relevant authorities can be annexed to the proposal (if applicable).

Please submit the research proposal as word file or in rich text format (\*.rtf).

Please delete all preparation instructions (italic) after reading!

# Description of research

## Applicant/Coordinating investigator

*Name, institution, partner site, email*

[…]

## Collaborating scientists/institutions

*Please give contact details of project partners. Details of their contribution to the research project, either direct or indirect, should be given under section 8.*

*Name, institution*

[…]

## Title of the project

*The title of the project should be concise and brief (max. 100 characters with spaces). Please make sure that the title does not contain any confidential information because, in case of funding, it will be used in public reports.*

[…]

## Lay summary

*The summary may be used to help us communicate the research to supporters and the general public. Please write concisely and in simple terms describing the question being addressed, the methods to be used, and the relevance of the expected results to cardiovascular medicine. Please ensure that the summary does not contain any confidential information. Please provide the lay summary in English and German, if possible.*

[…]

## Summary and objectives

*Please give a concise summary of the project concept. Which principal research questions will be addressed? What are specific late translational aspects? Which major results and endpoints can be expected? Major endpoints should be defined in a quantifiable manner for follow-up and decision making. (max. 1,500 characters with spaces)*

[…]

## Significance and state-of-the-art

*Please describe the current state-of-the-art and the innovative aspects of the project. You may refer to your own and other researchers’ work. Please comment on translational aspects of the project.*

[…]

## Competitiveness

*Please benchmark the approach described in the application in the relevant competitive field. Consider major advantages and possible disadvantages of the project in relation to the state-of-the-art.*

[…]

## Project plan

*Please concisely describe your project’s research programme, scientific objectives, aims, deliverables and the working programme. Please provide a detailed description of the methods that you plan to use in the project and a schedule (deliverables, milestones and bar chart). Please discuss particular strengths and weaknesses of the project and include decision milestones as appropriate. Please explain the contributions of project partners to the planned research project.*

[…]

## Utilization of results

Please describe planned knowledge transfer activities and provide information on the dissemination strategy. Please make an assessment of prospects for commercial and for scientific or technical success. Please describe planned scientific or commercial follow-up projects. This might include dissemination and transfer of research results to the business community, publication or presentation of data, use for follow-up studies, development of treatment, patent application etc.

[…]

## Budget plan

Please provide a detailed and comprehensible budget plan (personnel, consumables, animal costs, travel costs, etc.). Changes to the financing plan following the approval are permitted only within certain limits. Therefore, it is important to provide accurate costings when applying for funding. The numbers in the table correspond to the numbers in the AZA/AZK form. The DZHK only covers direct research costs, and will not reimburse university or research institution overheads. Publication charges must be incurred during the term of the project.

Please use AZK categories in analogy, if applicable.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AZA categories** | | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Total** |
|  | 0812 Scientific staff | |  |  |  |  |  |  |
|  | 0817 Technical staff | |  |  |  |  |  |  |
|  | 0831 Items <410 EUR | |  |  |  |  |  |  |
|  | 0832 Rentals | |  |  |  |  |  |  |
|  | 0835 Awarding of contracts | |  |  |  |  |  |  |
|  | 0843 Consumables | |  |  |  |  |  |  |
|  |  | 0838 Consumable material |  |  |  |  |  |  |
|  |  | 0839 Business needs |  |  |  |  |  |  |
|  |  | 0841 Special expenses |  |  |  |  |  |  |
|  | 0846 Travel | |  |  |  |  |  |  |
|  |  | Domestic |  |  |  |  |  |  |
|  |  | Abroad |  |  |  |  |  |  |
| 0850 Items/Investments >410 EUR | | |  |  |  |  |  |  |
| **Total** | | |  |  |  |  |  |  |

Please delete all preparation instructions (italic) after reading!

*Remarks to the financial plan*

* Please give brief explanations for every cost item.
* Where applicable, break down consumables or use a table.
* Required details for reasonable items or small items of equipment directly attributable to the project: type of equipment, specification, preferred manufacturer and supplier, cost per item incl. VAT. A written justification should also be provided.

Staff expenditures (AZA category 0812):

*When applying for medical personnel salaries: It is to be justified that a physician is necessary for the specific project. Is medical expertise required for the activities described? Beyond that, the applicant must confirm (possibly when hiring at a later stage) that the physician necessary for the project is entitled to compensation according to the collective agreement for physicians (TV-Ärzte).*

[...]

Consumables (AZA category 0843):

[...]

Travel (AZA category 0846):

[...]

Items/Investments (AZA category 0850):

[...]

|  |  |
| --- | --- |
|  |  |
| Place, date | Signature of applicant |

# Appendix

## Curriculum vitae

### Personal information

|  |  |
| --- | --- |
| DZHK status (PI, DZHK Scientist or Young DZHK member) |  |
| Academic title and name |  |
| Working address |  |
| Date of birth |  |

### Education

mm/yyyy MD/PhD/Doctoral thesis, Name of Faculty/Department, Name of University/Institution, Country, Name of Supervisor

mm/yyyy Diploma/Master/State examination, Name of Faculty/Department, Name of University/Institution, Country

[…]

### Current position(s)

mm/yyyy – mm/yyyy Current Position, Name of Faculty/Department, Name of University/Institution/  
Country

[…]

### Previous position(s)

mm/yyyy – mm/yyyy Position held, Name of Faculty/Department, Name of University/Institution/Country

[…]

### Selected fellowships and awards (if applicable)

mm/yyyy – mm/yyyy Scholarship or award, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

[…]

### Supervision of graduate students and postdoctoral fellows (if applicable)

mm/yyyy – mm/yyyy Number of Postdocs/ PhD/ Master Students Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country

[…]

### Institutional responsibilities (if applicable)

mm/yyyy Faculty member, Name of University/ Institution/ Country

mm/yyyy Graduate Student Advisor, Name of University/ Institution/ Country

mm/yyyy Member of the Faculty Committee, Name of University/ Institution/ Country

mm/yyyy Organizer of the Internal Seminar, Name of University/ Institution/ Country

mm/yyyy (Co-) Organization of Scientific Meetings, Type and name of event/Country

mm/yyyy Member of a Committee; role, Name of University/ Institution/ Country

[…]

### Selected further activities

mm/yyyy Role, Name of University/ Institution/Country

[…]

### Career breaks

*Please give the exact dates and indicate the reason and the duration in months.*

[…]

## List of publications

Please delete all preparation instructions (italic) after reading!

*Please prepare your list of publications according to the following instructions:*

* *Please divide between original articles, review articles and book chapters.*
* *The publication list must include only publications of the applicant which at the time of proposal submission have been published or officially accepted by publication outlets with scientific quality assurance and book publications.*
* *For articles that have been accepted for publication but not yet published, the manuscript must be submitted along with the publisher’s acknowledgement of acceptance.*
* *Publications need to be listed in format given below.*
* *Articles listed do not need to directly relate to the proposed project.*
* *Authorship must be cited unchanged and in accordance with how it appears on the published works.*
* *Please provide the Journal Impact Factor (IF) for each listed publication.*
* *The number of listed publications is not restricted.*
* *List all authors.*
* *List references according to the date of publication; starting with the most recent one.*

### Original articles

1. Smith HJ, Allen S, Yu W, Fard S. This is the title. *Circulation*. 2004; 104:276-308. IF 18.88

[…]

### Review articles

Smith HJ, Allen S, Yu W, Fard S. This is the title. *Circulation*. 2004; 104:276-308. IF 18.88

[…]

### Book chapters

1. Meidell RS, Gerard RD, Sambrook JF. This is the title. In: Roberts R, editor. *Molecular Basis of Cardiology*. Cambridge, MA: Blackwell Scientific Publications, 1993:295–324.

[…]