**Project Proposal – Project Description**

BONFOR Funding Instrument 4: ***SciMed Doctoral Scholarship for Medical Students***

**Application number:**[No.]

**Project title: [Text]**

Discipline: [Text]

Field of research: [Text]

Underlying extramural research program:[Text]

*Funding: Grant number, funding period, funding amount*

*UKB-Administration: PSP-Element (“Drittmittelprojektnummer”)*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* *The application should not exceed 10 pages, excluding attachments.*
* *The main focus, around half of the application, should be on the research work programme.*
* The work programme should *be structured by the various hypotheses along with the respective parts oft the work programme.*
* *Detailed information on planning of the experiments (e.g. reference group, group size, replications) are important to evaluate the feasibility of the project, as well as the identification of possible fallback strategies, in case central points of the work programme fail to deliver.*

**1. Applicant**

Last name, first name, title

Date of birth

Department/Institute

Phone

Email

# 

**2. Candidate**

Last name, first name, title

Date of birth

Department/Institute

Phone

Email

# 3. Specific Aims and Summary

* *Review the central question(s) in the field of research that will be addressed.*
* *Summarize the goals of the proposed research.*
* *Discuss the expected outcomes and describe the impact of research on the field.*
* *List the aims of proposed research.*

🡪 *This section will give the reviewer a brief overview on the background and aims of the application.*

[Text]

# 4. Research Strategy

**4.1. State of the art**

* *Briefly summarize the scientific background of the field of research.*
* *Explain the importance of the problem or critical barrier to progress in the field that the proposed project addresses.*
* *Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice.*
* *Describe how the concepts, methods, technologies, treatments, or preventative interventions that drive this field will be changed if the proposed aims are achieved.*

🡪 *This section will give central background and set the stage for the proposed research. It is not meant to be a general review of the field.*

[Text]

**4.2. Innovation**

* *Describe any novel theoretical concepts, approaches, methodologies, or interventions to be developed or used, and any advantage over existing methodologies, instrumentation or intervention(s).*
* *Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation or interventions.*

*🡪 This section will be important for applicant to reflect on his/her own ideas and concepts. It will aid the reviewer in judging the novelty and potential impact of the studies.*

[Text]

**4.3. Approach *(this should be the core part of the proposal!)***

* *Include Preliminary Studies (including data figures) in this section that support the proposed research and indicate the origin of the preparatory work.*
* *Describe the strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted.*
* *Clarify your* ***own contribution*** *in the project.*
* *Discuss potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims.*
* *If the project is in the early stages of development, describe any strategy to establish feasibility, and address the management of any high risk aspects of the proposed work.*

*🡪 This section provides the reviewer with the knowledge upon which he has to judge the proposed research.*

*🡪 A possible way to organize the writing of this section would be:*

***Aim 1:***XYZ *(can have several sub-aims that are logically connected)*

***Hypothesis:***

***Rationale / preliminary data:*** *This section allows to set the stage for the planned research and should describe the preliminary data (if they already exist).*

***Approach:*** *Describe the research plan including methods and analysis.*

***Alternative strategies:*** *Reflect on potential problems and provide alternative research strategies.*

***Aim 2:***XYZ

***Hypothesis:***

***Rationale / preliminary data:***

***Approach:***

***Alternative strategies:***

…

**5. Project costs**

*List and justify money requested.*

**Staff funding:**

**Material resources:** *(including computer software and expenses for laboratory animals)*

**Core Facility:**

**6. Project requirements**

**6.1. Composition of the project group**

[Text]

**6.2. Collaboration with other research groups**

*Researchers with whom you have agreed to cooperate on this project (within and outside the Medical Faculty).*

[Text]

**6.3. Scientific equipment**

*List larger instruments that will be available to you for the project.*

[Text]

**6.4. Supervision of the doctoral student**

*Briefly describe the structure of the direct supervision of the doctoral student in support of the continuous progress of their doctoral research project:*

* *Participation of the candidate in the writing of the project proposal*
* *Number of direct supervisors (individual support, team support)*
* *Exchange on project progress: Regularity of meetings between supervisor(s) and doctoral candidate*
* *Planning of supervision in all phases (from the conception to the preparation of the doctoral thesis)*

[Text]

**7. Assurance that the application was submitted nowhere else**

I hereby certify that I have not submitted this application anywhere else.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**City, Date, Signature**

**Attachments**

*Please see BONFOR website (section funding line 4).*

[Text]

***Formatting guidelines (or use this template)***

***Page format:*** *DIN A4*

***Margins:*** *2 cm (top, bottom, right, left)*

***Font:***  *Arial (not Arial Narrow)*

***Font size:*** *11 pt. (references at least 6 pt.)*

***Line spacing:*** *1.0*

***Page limits:*** *As outlined in each section*

***Annexes:*** *References listed in the application*