# Overarching presentation of the Research network

*The description of the network must not exceed 10 pages (DIN A4, Arial, font size 11, line spacing 1.5, margins 2 cm). Please replace the text in italics with your information.*

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| **SYNOPSIS**  |
| **Title of the Network** | *English and German title of the network*  |
| **Acronym of the Network** |  |
| **Applicant/Coordinator** | *(Please indicate only one person, who will coordinate the network)**Title, Name, Surname* *Institute/Clinic/Department**Institution, Address**Business number, Email address* |
| **Structure of the Network, additional project partners** | *Name the organisations/partners involved, only name the project leader, institution, location and sector (e.g. human medicine, veterinary medicine, environment, public health, ÖGD)* |
| **Cooperation with international partners** | *Name the organisations/partners involved, only name the project leader, institution, location and sector (e.g. human medicine, veterinary medicine, environment, public health)* |
| **Addressed infectious diseases and pathogens and their epidemic/pandemic potential** | *Name the infectious diseases in humans and the corresponding pathogens that are addressed in the network. Briefly describe the epidemic/pandemic potential of the selected pathogens.* |
| **Summary of the Proposal** | *Please summarise the scientific objectives of your network, highlighting the implementation of the One Health approach and the relevance for the public health service, veterinary services and/or environmental agencies (max. 1200 characters including spaces). Which instruments and methods are to be developed for pandemic prevention and response?* |
| **Total requested Funding Period** | *Max. possible funding period is 5 years.* |
| **Total requested Funding for the Network** | *Total amount for the entire network for the entire funding period in €.* |

*Please provide a description of the collaborative project (= research network) for up to five years. It is recommended to illustrate the application of the One Health approach in the network with an organizational chart.*

**1. Network description**

**1.1. Scientific objectives**

* *What is the network aiming to achieve with regards to the prevention of an outbreak and responses in the case of an outbreak? State your working hypotheses of the network and give a concise description of the network’s objectives.*
* *Describe how practitioners will be involved in the network.*
* *Describe the implementation of the One Health approach within the network.*
* *Describe the Public Health aspects studied in the network.*
* *If applicable: Explain the cooperation with international partners and also comment on the funding of the international partner. In case funding is requested for international partners please justify.*

**1.2. Relevance**

* *Elaborate on the relevance of the project for (epidemic/pandemic) prevention and control.*
* *Explain the rationale of focusing on the chosen pathogens/AMR.*
* *What is the novel aspect of the proposed network? How will the results make a difference in (epidemic/pandemic) prevention and control?*

**1.3. Scientific background and infrastructures**

* *Describe relevant research work, especially the research partners’ own work, as basis for your network to show that the network follows the One Health approach and that the aims are scientifically justified. If available, provide preliminary data to substantiate your hypotheses.*
* *Describe relevant established infrastructures, e.g. animal models, data collections.*

**1.4. Transfer into practice**

* *Specify the impact of the results on the prevention and response in the case of an outbreak.*
* *What will be done to ensure that the results will be transferred into practice? Set out a concept for the transfer into practice.*

**1.5. Patient participation and diversity aspects**

* *Please describe how patient involvement is implemented in the network, especially in the Public Health projects. Patient involvement can be implemented in different stages and to a different extent. If not, please explain why patient participation is not relevant for your research question.*
* *Describe how you consider diversity aspects in your project, e.g. with regard to age, gender or cultural background. If not, please explain why diversity aspects are not relevant for your research question.*

**2.** **Organization and work program** **of the network**

**2.1. Structure of the network**

* *Please use the chart below to list the planned subprojects, name the responsible principle investigator/s (PI) and institution as well as the function in the research network.*

*Example:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Subproject No.** |  **Title of subproject**  |  **PI, Institution** | **Function in the network** |
| *1* | *Investigation of XY*  | *PI1, University A* | *Coordination; analysing of XY and processing of results* |
| *international partner*  | *Subcontractor of A for collecting XY* |
| *2* | *Collection and management of clinical parameters*  | *PI2, University B*  | *Patient recruiting and pathogen extraction* |
| *3* | *Animal study* | *PI3, University C* |  |
| *…* |  |  |  |

***Please note:*** *Subcontractors have to be indicated in case of contract volume above 100,000 €.*

## **2.2. Coordination and steering of the network**

* *Please describe the concept for coordination and steering of the network.*
* *Describe how practitioners will be involved as advisors from the beginning if they are not project partners with an own subproject. Please enclose a confirmation of cooperation of the practitioners.*

## **2.3. Work program**

* *Provide an overview of the work program of the collaborative network (for up to five years). Describe which objectives and tasks will be taken over by the different subprojects and the way they synergistically interact with each other. What is the added value of including different disciplines in this project? Details of the subprojects should be provided in part B.*
* *Describe planned measures for quality assurance (e.g. authentication of biological resources; standardization and exchange of information, methods, samples and data).*

## **2.4. Timeframe and milestones**

* *Illustrate the timeframe and milestones of the network as figure (for five years).*

# 3. Ethical and legal considerations

* *Please give a description of ethical and legal aspects relating to the projects (e. g. ethics votes, animal experiment approval, patient confidentiality, informed consent process).*

# 4. Risk assessment

* *Please describe possible risks of the research project and the risk management (e.g. alternative scenarios).*

**5. Dissemination and exploitation**

* *What are the strategies for dissemination and exploitation of results, especially beyond journal publications?*
* *Which role do practitioners play in this process?*
* *Include a description of future translational steps. Describe the strategies on the network level.*

**6. Other Funding**

* *Indicate other sources which will provide funds, free services or consumables. In case of co-financing by industry or other third parties, assure the independence of project investigators, in particular with regard to the analysis of results and their exploitation.*
* *In case you have already submitted parts of the same request to other institutions or the BMBF, please mention this here. If this is not the case, please declare: "A request for funding of this project has not been submitted to any other addressee. In case I submit such a request, I will inform the DLR Projektträger immediately.”*

**7. Financial plan**

* *Please provide an overview of the network`s finances in the following table (for up to five years). Use landscape format to include the financial table in your application. Please make sure that the information provided here is identical to the information of the subprojects’ financial overview (in part B). The justification of the planned expenditures is to be provided on the subproject level (in part B).*

|  |
| --- |
| **Financial Table – “Title of network”** |
| Subproject # | PI, Institution | Personnel  | Consumables € | Equipment € | Commissions € | Travel € | Other€ | Over-heads€2 | **Total****funding requested€3** |
| Number of Sci, Grad, Eng, T, O1and resp. Person Months | € |
| *SP1* | *e.g. PI1, University of…* | *e.g.* *1 Sci, 6 PM* |  |  |  |  |  |  |  |  |
| *SP1* | *e.g. PI2, xyz GmbH* |  |  |  |  |  |  |  |  |  |
| *SP2* |  |  |  |  |  |  |  |  |  |  |
| …… |  |  |  |  |  |  |  |  |  |  |
| **TOTAL NETWORK** |  |  |  |  |  |  |  |  |  |  |

**1**Sci = Scientist, Grad = Graduate student, Eng = Engineer, T = Technician, O = Other; Please calculate your local institutional salaries.

**2**Overhead = Gemeinkosten, 20% Projektpauschale für nichtwirtschaftliche Forschungsprojekte an Hochschulen und Universitätskliniken

**3**Please calculate requested amount according to funding rate according to the AGVO as referenced in the call text: generally up to 100% of total costs for academia and generally up to 50% of total costs for industry (plus bonuses for KMU, if applicable).

Appendices

*Please add the following appendices: i) CVs of leading participants, ii) references and iii) the signature sheet. Do not submit any other appendices.*

*Please attach the appendices at the end of the application after all subprojects of part B.*

# CVs of leading participants

*Add short scientific CVs (0,5-1 page each) including a list of max. 5 publications with relevance to the planned project, for leading participants of the research network (e.g. principal investigators).*

1. ***References***

*Please specify the most relevant publications for the network and each of the subprojects (max. 5 publications each in the last 5 years) and indicate the public access links, if possible.**Please use the Vancouver style for your references (Further information: International Committee of Medical Journal Editors. Uniform Requirements for Manuscripts submitted to Biomedical Journals. NEJM 1997; 336:309-15).*

*If applicable, indicate patent applications relevant to the project aim, ideally with a link to the respective data base.*

# Signature sheet

*The signature sheet is to be signed by hand by the leading project participants (i.e. principal investigators, plus if applicable biometrician), scanned and attached to the application as final page.*

**Signatures of project partners**

## **Project title and acronym:**

**Project coordinator:**

|  |  |  |
| --- | --- | --- |
| Name | Institution/Department | Date, Signature\* |
|  |  |  |

\*I herewith confirm that all information and data given in the full application are known to me and correct.

**Other project partner (if applicable, add additional lines):**

|  |  |  |  |
| --- | --- | --- | --- |
| Name  | Institution/Department | Function in the network | Date, Signature\* |
|  |  | *e.g. PI of SP1* |  |
|  |  |  |  |
|  |  |  |  |

\*I herewith confirm that all information and data given in the full application are known to me and correct.