**Thematic HRZZ Call for Scientific Research Proposals**

**Infectious Diseases Caused by Corona Viruses and the Social and Educational Aspects of the Pandemic**

*(Call identifier: IP-CORONA-2020-04)*

Application Form[[1]](#footnote-1)

Full title of project proposal

Acronym of project proposal

Full name of Principal Investigator

Basic Information about the Project Proposal

Principal Investigator (name, address, e-mail)

|  |  |
| --- | --- |
| Full name |  |
| University/Institution |  |
| Address |  |
| E-mail |  |
| Phone |  |

Project Proposal

|  |  |
| --- | --- |
| Title |  |
| Keywords |  |
| Research field |  |
| Total budget requested (EUR) |  |
| Total budget requested (HRK) |  |

Research topics – please mark the topic(s) you are applying for:

🞎 **1. Immune response and development of novel diagnostic approaches to COVID-19**

🞎 1.1. Existing diagnostic methods for COVID-19 are still not sufficiently developed and more sensitive, specific, precise, simpler, cheaper and faster methods are urgently needed.

🞎 1.2. In order to understand viral mutations and their significance for immune control as well as the tendency to accumulate mutations, including specific variations for this micro-region, sequencing of the viral genome needs to be performed.

🞎 1.3. Research of the immune response, pathogenesis as well as clinical outcomes of SARS-CoV-2 infections.

🞎 **2. Development of new vaccines, treatments as well as drugs and agents for the COVID-19 inhibition**

🞎 2.1. Developing novel antiviral agents against SARS-CoV-2 and designing drugs for COVID-19 therapy.

🞎 2.2. Investigating protective capacity of different immuno-therapeutic antiviral agents against SARS-CoV-2 in experimental animal models.

🞎 2.3. Developing experimental vaccines and vaccine vectors for COVID-19 and studying their protective effect.

🞎 **3. Social aspects of the COVID-19 pandemic**

🞎 3.1. Psyhosocial consequences of emergency measures in the control of the COVID-19 pandemic, resilience and risk factors for mental health and well-being of the general and vulnerable population.

🞎 3.2. Crisis communication related to the COVID-19 pandemic for alleviating fear, stereotyping and uncertainty, strengthening responsible individual and group behaviour and trust in public authorities.

🞎 4. Educational aspects of the pandemic

🞎 4.1. Effects of changing paradigms of leaning and evaluating processes, successful models for achieving distance-learning outcomes in primary, secondary and higher education. Technological prerequisites and development of human resources for successful organisation and implementation of remote teaching.

🞎 4.2. Use of big data, learning analytics and especially data from virtual environments for advancing teaching and as the grounds for informed, strategic decision-making in education.

Summary of the Project Proposal *(max 1 page)*

**Section A – Project Proposal**

**a. Research objectives** *(Specific objectives and expected significance of the research project/activity in relation to the IP-CORONA-2020-04 call.)*

**b. Research methodology** *(Methodology and plan of work. The respective roles of the co-operating partners in carrying out the proposed research plan.)*

**c. Time schedule of the main activities**

**d. Expected results**

**e. Practical applications and/or socioeconomic benefits of research results**

**f. Resources** *(List the most important resources and equipment that will be at your disposal for the project implementation, as well as the equipment that would be purchased.)*

**g. Ethical issues** *(Are there ethics issues that should be taken into consideration? If applicable, please specify.)*

**Section B –Principal Investigator**

**General information**

**Principal Investigator's full name:**

***EDUCATION HISTORY***

*YEAR: PhD*

*Institution:*

*YEAR: M.Sc.*

*Institution:*

***EMPLOYMENT HISTORY***

*201? – 201? – Position*

*Employer*

*200? – 200? Position*

*Employer*

**Principal Investigator's track record related to the topic of the Call and the project proposal:**

*1. Papers in peer-reviewed scientific journals, book chapters, conference proceedings, monographs etc. (in the last five years)*

*2. List of previous PI’s research projects that are related to the present project proposal, role in the project (PI/team member) and source of funding*

**Other relevant achievements:**

**Section C – Research Group**

|  |
| --- |
| **List all persons involved in the implementation of the proposed research**  |
| **Full name** | **Title** | **Organization** | **Country** | **Status in Project (doctoral student/postdoctoral researcher/researcher/****technician/consultant)** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Short Description of the Research Group**

**Full name of Team Member 1, competencies for the implementation of research**

**Full name of Team Member2, competencies for the implementation of research**

**Full name of Team Member 3, competencies for the implementation of research**

**Full name of Team Member 4, competencies for the implementation of research**

**Full name of Team Member 5, competencies for the implementation of research**

**References**

1. The Application Form should not exceed 15 pages, excluding Section C. [↑](#footnote-ref-1)