



Urgent Expression of Interests.

Title: Special Spanish Research Programme on COVID-19

Country: Spain

Funding Agency: Institute of Health Carlos III – Ministry of Science & Innovation

Context

Research programmes specifically designed to understand, treat and control the disease are crucial to mitigate and contain the current coronavirus outbreak COVID-19.

Scientific advances for the prevention, control, diagnosis and treatment will greatly determine the health and socio-economic effects/impacts of the epidemic.

Countries across the world, European Commission and other international bodies, are making intense efforts to support existing and new research lines, dedicated to fight against SARS-CoV-2, responsible of COVID-19.

As a consequence, it is considered extremely relevant to issue a fast track EoI to support new and running specific projects and programmes addressing this outbreak.

Topic

Fast track EoI to fund existing and new projects that aim at the following objectives:

- a) Rapid diagnostic techniques of SARS-CoV-2, industrially scalable and applicable to healthcare, priority oriented towards early-stage diagnosis of infection in humans that will allow predicting severity of the disease and healthcare stratification of patients.
- b) Clinical-biological-molecular characterization of COVID-19 disease, stages, prognostic stratification and complications
- c) Development of innovative therapies, disinfectants and new antiviral molecules against SARS-CoV-2. Antiviral resistance studies. Effectiveness of non-pharmacological, prophylactic and therapeutic interventions.
- d) Characterization of SARS-CoV-2, knowledge of the genetic and antigenic variation of SARS-CoV-2, as well as of the immunological response to SARS-CoV-2 and virus-host interaction
- e) Vaccines' development, its efficacy and applicability
- f) Epidemiological surveillance of COVID-19 and molecular epidemiology: mortality and morbidity incidence. Environmental and social factors for its spread. Risk factors and population dynamics on the SARS-CoV-2 infection.



g) Socio-economic impact of COVID-19. Use of resources from Primary care, Hospitals and Critical care services.

h) Artificial intelligence and massive analysis of integrated data, oriented towards epidemiological control of COVID-19.

Without prejudice to the additional measures that may be incorporated for the early execution of the projects, proposals funded under this expression of interest must comply with the provisions of the corresponding concession resolution, in particular on regards to: open access, open data, and obtaining useful results for the immediate translation to fight against this disease.

Indicative Budget: Up to 24 Million €

Instrument: Call for Expressions of Interest for Research Projects

Application process:

Expressions of Interest (Eols) should be submitted by email to: covid19@isciii.es , using the template available at ISCIII's website. Therein all the information and news about this call will be published.

This call will be continuously open as from 19th March 2020. There are no submission deadlines. Therefore, Eols will be processed on a continuously basis as long as at the FUND - COVID19 call are available. This will be communicated in the indicated media.

Eol proposals will be assessed by a Scientific and Technical Board composed by experts in the field, and specifically created to the purpose of this call. This board will assess the Eols, look for the complementary and coordination of the actions, and propose modifications, including merging of the Eols.

More information:

<https://www.isciii.es/>