

# Research Infrastructures and COVID-19 Research



ACCELERATE is funded by the European Union Framework Programme for Research and Innovation Horizon 2020, under grant agreement 731112



## Research Infrastructures and COVID-19 Research

### Responses to the questionnaire

#### Infrastructure for the Production and Characterization of Nanomaterials, Biomaterials and Systems in Biomedicine (NANBIOSIS)

NANBIOSIS is a distributed Unique Scientific and Technical Infrastructure (ICTS) that group together 29 complementary and coordinated units located at different institutions, which in turn are distributed throughout seven Autonomous Communities in Spain. NANBIOSIS arises from a joint initiative of CIBER-BBN, the Jesús Usón Minimally Invasive Surgery Center (JUMICS) and the Andalusian Center of Nanomedicine (BIONAND).

#### SERVICE/S IMPLEMENTED

Nanbiosis gives integrated solutions to advanced challenges in nanomedicine, tissue engineering and regenerative medicine, diagnostic and medical device, that includes design and production of biomaterials and nanomaterials and their nanoconjugates, and the characterization of these bio-/nanomaterials, tissues and medicals devices from a physic-chemical, functional, toxicological and biological point of view up to preclinical validation.

#### What stage in COVID-19 intervention your RI is addressing?

Nanbiosis offered preclinical stages services of biomedical product development. Specifically, synthesis and preparation of biomolecules like antibodies, peptides, recombinant proteins, oligonucleotides for diagnostic therapeutic and prophylactic purposes.

#### Instruments/databases involved:

The instruments related to Nanbiosis units are described in the following link:

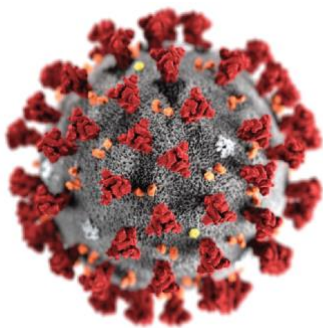
<https://www.nanbiosis.es/platform-units/>

#### How is the proposal submitted?

For that purpose, A "COVID-19 Rapid Access" call has been established, valid through the year 2020. Urgent procedure will be applied to review and admission of the proposals. In order to submit a proposal for COVID-19 related research please complete the "Order Request" indicating in the field "Observations", at the end of the form, the relation of the project with the COVID-19 outbreak in the following link: <https://www.nanbiosis.es/2020-nanbiosis-competitive-call/>

#### Who evaluates the proposal?

Proposals submitted will be evaluated by the Nanbiosis Infrastructure Coordination Committee.



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- **Is the submission continuous, or linked to a deadline?**

The submission is continue. <https://www.nanbiosis.es/2020-nanbiosis-competitive-call/>

- **What is the estimated time from the submission to the access / service provision?**

At this moment most of the Nanbiosis facilities are closed but the usual access for service provision is between 5-15 days depending on the proposal.

## CHARACTERISTICS OF THE ACCESS

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**Restrictions:** The access of the scientific community to NANBIOSIS is a competitive access.

**In the case of analytical facilities, modality of access allowed:** Remote and on-site access

**Comment for remote access only:** Infrastructure for the Production and Characterization of Nanomaterials, Biomaterials and Systems in Biomedicine (NANBIOSIS)

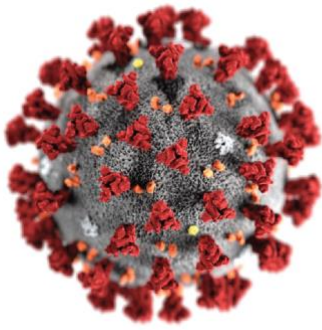
Analytical Facilities: If on-site access is allowed, is mobility support available?	NO
All RIs: Is the access free for non-proprietary research?	NO
All RIs: Is commercial access available at reduced prices?	NO
Analytical Facilities: Are there limitations regarding the type of samples?	YES
Analytical Facilities: Are there special requirements for shipment of the samples?	YES
Analytical Facilities: Are there specific requirements regarding the preparation or handling of the samples?	YES

**Additional comments related to the questions above:** For further details on access and type of samples requirements please contact Nanbiosis managers. We will contact directly with the Nanbiosis Units: <https://www.nanbiosis.es/contact/>

## ACCESSIBILITY OF THE PUBLICATION AND DATA

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Is there any requirement to publish in open access journals?	YES
Is the data generated associated to metadata and is it publicly available?	NO
Where is the data or metadata published? (e.g. in the institution's catalogue, in other open data repositories, etc).	In Institutions catalogue
Do you have further comments about data or metadata?	The user will have to name the ICTS in any dissemination of the scientific or technological result



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derived from the use of the ICTS and inform the ICTS about this dissemination. For further details on accessibility of the publication and data please contact Nanbiosis managers.  
<https://www.nanbiosis.es/contact/>