

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



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Responses to the questionnaire

European XFEL

The European X-Ray Free-Electron Laser Facility (European XFEL) is a internationally-funded X-ray research laser facility which started operation in 2017. The European XFEL is constructed such that the electrons produce X-ray light in synchronisation, resulting in high-intensity X-ray pulses with the properties of laser light and at intensities much brighter than those produced by conventional synchrotron light sources.

SERVICE/S IMPLEMENTED

The scientific community worldwide is encouraged to submit expressions of interest in COVID-19 related rapid access research by 17 June 2020.

A dedicated online information meeting will be organized on Tue 09 June 2020 17:30 (CEST, Schenefeld/Hamburg time). Access information will be posted on the European XFEL homepage: <https://www.xfel.eu>

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

Related research fields: rapid access to X-ray instruments, access to user laboratories in terms of protein production, crystallization, sample preparation and quality control in biology, chemistry and material science, Data analysis services, know-how on nano- and micro-crystal delivery for experiments with XFEL beams

▪ Instruments/databases involved:

https://www.xfel.eu/users/covid_19_expressions_of_interest/index_eng.html

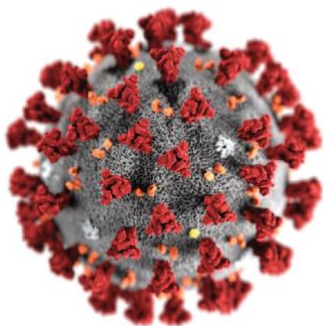
▪ How is the proposal submitted?

Expression of interest form: <https://in.xfel.eu/survey/index.php/754324>

▪ Who evaluates the proposal?

After a first contact through the call for Expressions of Interest (EoI) which has just been announced, the selected projects will participate in a call for proposals, peer-reviewed by the Proposal Review Panel (the review body of the facility composed by external experts) and, if needed, external referees. The proposals will be assessed for safety and feasibility aspects by the facility. It was decided to go through a EoI process which would allow to maximize the efficient use of resources by encouraging collaborations.

▪ Is the submission continuous, or linked to a deadline?



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Expressions of interest: 17 June 2020. The expressions of interest will be assessed also if submitted after the deadline, but no guarantee for rapid access can be given in this case.

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

Access to user laboratory facilities and data analysis resources can happen be quite fast. Beamtime on X-ray instruments is reserved in second half of 2020.

CHARACTERISTICS OF THE ACCESS

Restrictions: No restrictions.

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

Analytical Facilities: If on-site access is allowed, is mobility support available?	YES
All RIs: Is the access free for non-proprietary research?	YES
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

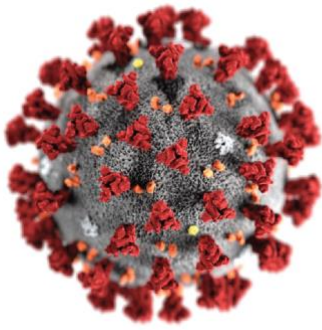
Additional comments related to the questions above: Support to proprietary research:

https://www.xfel.eu/organization/industrial_liaison/index_eng.html - Samples containing active viruses cannot currently be examined at European XFEL - Shipping guidelines:

https://www.xfel.eu/users/user_guide/transport_rules/index_eng.html (specific requirements may apply depending on individual assessment)

ACCESSIBILITY OF THE PUBLICATION AND DATA

Is there any requirement to publish in open access journals?	NO
Is the data generated associated to metadata and is it publicly available?	YES
If yes, what is the embargo period?	three years



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Where is the data or metadata published? (e.g. in the institution's catalogue, in other open data repositories, etc).	under preparation!
Do you have further comments about data or metadata?	Cf. our scientific data policy https://www.xfel.eu/sites/sites_custom/site_xfel/content/e51499/e51503/e52947/e56273/e56274/xfel_file56275/ScientificDataPolicyapprovedbyCouncilon30June2017_eng.pdf