

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

Institut Laue Langevin

The European Neutron Source

SERVICE/S IMPLEMENTED

Access to a wide range of neutron scattering instruments and associated support services on the European Photon and Neutron campus in Grenoble

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

The ILL is supporting a medium term (next 6 months) to longer term (eg 3 years) approach to understanding the COVID-19 virus based mainly on structural biology, but also macromolecular dynamics

▪ Instruments/databases involved:

Potentially any neutron instrument at ILL, a number of which are ideally suited to studying the structure and dynamics of biological macromolecules, plus related sample preparation facilities eg deuteration

▪ How is the proposal submitted?

Several submission schemes exist - see <https://www.ill.eu/users/applying-for-beamtime/>. DDT and EASY access mechanisms provide rapid access to beam time

▪ Who evaluates the proposal?

Facility with input from peer review panels

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

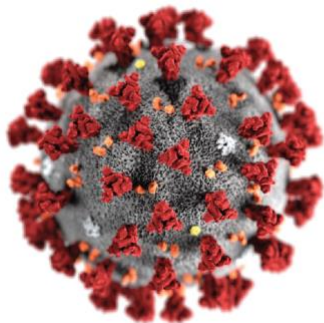
Continuous

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

Less than one week when the source (reactor) is operating

CHARACTERISTICS OF THE ACCESS

Restrictions: All access requests will be considered. Access from member countries will be given preference.



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

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

Additional comments related to the questions above: Specific requirements for the shipment and handling of samples are determined by the nature of the samples

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?	3 years
Where is the data or metadata published? (e.g. in the institution's catalogue, in other open data repositories, etc).	ILL catalogue - https://data.ill.fr/proposal/
Do you have further comments about data or metadata?	