Diamond Light Source

Diamond is the UK’s national synchrotron facility, providing access to cutting edge beamlines and cryo-electron microscopes for structural biology research.

SERVICE/S IMPLEMENTED
Remote access is available for research relevant to COVID-19 work on MX, CD, bioSAXS and cryo X-ray microscopy beamlines and on the cryo super resolution microscopy, cryo electron microscopy and XChem facilities

▪ What stage in COVID-19 intervention your RI is addressing?
Determination of structures of COVID-19 proteins and complexes

▪ Instruments/databases involved:
MX, B21, B23, B24, cryoEM, Xchem

▪ How is the proposal submitted?
https://www.diamond.ac.uk/Users.html

▪ Who evaluates the proposal?
The facility

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

▪ What is the estimated time from the submission to the access / service provision?
2-3 weeks

CHARACTERISTICS OF THE ACCESS

Restrictions: No, open to all researchers worldwide

In the case of analytical facilities, modality of access allowed: Remote access only
Comment for remote access only: MX, B21, B23, B24, XChem, cryoEM

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>If on-site access is allowed, is mobility support available?</td>
<td>YES</td>
</tr>
<tr>
<td>Is the access free for non-proprietary research?</td>
<td>YES</td>
</tr>
<tr>
<td>Is commercial access available at reduced prices?</td>
<td>NO</td>
</tr>
<tr>
<td>Are there limitations regarding the type of samples?</td>
<td>YES</td>
</tr>
<tr>
<td>Are there special requirements for shipment of the samples?</td>
<td>NO</td>
</tr>
<tr>
<td>Are there specific requirements regarding the preparation or handling of the samples?</td>
<td>NO</td>
</tr>
</tbody>
</table>

Additional comments related to the questions above: Maximum biosafety depends on the instruments being used. Industry can access for covid-19 research under standard arrangements.

ACCESSIBILITY OF THE PUBLICATION AND DATA

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is there any requirement to publish in open access journals?</td>
<td>YES</td>
</tr>
<tr>
<td>Is the data generated associated to metadata and is it publicly available?</td>
<td>NO</td>
</tr>
<tr>
<td>If yes, what is the embargo period?</td>
<td>3 years</td>
</tr>
<tr>
<td>Where is the data or metadata published? (e.g. in the institution’s catalogue, in other open data repositories, etc).</td>
<td>see <a href="https://www.diamond.ac.uk/Users/Policy-Documents/Policies/Experimental-Data-Management-Pol.html">https://www.diamond.ac.uk/Users/Policy-Documents/Policies/Experimental-Data-Management-Pol.html</a></td>
</tr>
<tr>
<td>Do you have further comments about data or metadata?</td>
<td></td>
</tr>
</tbody>
</table>