

# 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

#### **ELECMI (Integrated Infrastructure of ELECTron Microscopy for materials Characterization)**

Large infrastructure for Materials Characterization (Electron Microscopy and other Associated Techniques) with a comprehensive collection of complementary techniques distributed in four nodes within Spain (Barcelona, Cadiz, Madrid and Zaragoza).

#### **SERVICE/S IMPLEMENTED**

Electron Microscopy Techniques (HRTEM, TEM, STEM, SEM, Dual Beam) and other techniques for materials characterization (SPM, XPS, NMR, Cryomicroscopy, Advanced Optical Microscopies, and Biotechnology units among others)

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

Materials characterization (e.g. analysis of textiles for Personal Protective Equipment or particles from filters)

#### ▪ **Instruments/databases involved:**

High Resolution Transmission Electron Microscopes (HRTEM) including Scanning Transmission Electron Microscopy (STEM), Electron Scanning Microscopes (SEM), (Cryogenic) Dual Beam instrument and a long list of associated techniques for materials characterization (Scanning Probe Microscopes, Nuclear Magnetic Resonance, X-Ray Photoelectron Spectroscopy, cryomicroscopes and sample holders for frozen samples that can be used in aberration-corrected TEM, Advanced Optical Microscopies, Biotechnology units, etc.)

#### ▪ **How is the proposal submitted?**

<https://elecmi.es/en/infrastructure/equipment>

#### ▪ **Who evaluates the proposal?**

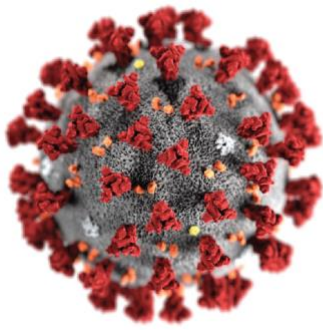
For COVID-19 experiments proposals will be analyzed by an internal committee

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

Continuous

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

Maximum 10 days, often much less



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## CHARACTERISTICS OF THE ACCESS

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**Restrictions:** NO

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

**Comment for remote access only:** ELECMI ((Integrated Infrastructure of ELECTron Microscopy for materials Characterization))

Analytical Facilities: If on-site access is allowed, is mobility support available?	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
All RIs: Is the access free for non-proprietary research?	NO
All RIs: Is commercial access available at reduced prices?	NO

**Additional comments related to the questions above:** The internal committee will evaluate the COVID-19 related proposal and provide a rapid answer in terms of our instruments availability and safety concerns that may depend on the specific type of sample(s) to be analyzed

## ACCESSIBILITY OF THE PUBLICATION AND DATA

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Is there any requirement to publish in open access journals?	NO
Is the data generated associated to metadata and is it publicly available?	NO
If yes, what is the embargo period?	
Where is the data or metadata published? (e.g. in the institution's catalogue, in other open data repositories, etc).	
Do you have further comments about data or metadata?	