



# Call for research projects demanding access to **CIISB** research infrastructure

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# 1. Call for projects

The **Czech Infrastructure for Integrative Structural Biology (CIISB)** is a distributed infrastructure of the core facilities and central laboratories of CEITEC (Central European Institute of Technology, Brno) and BIOCEV (Biotechnology and Biomedicine Centre, Vestec) providing expertise and access to technologies used for integrative approaches to structural analysis of cellular components and biologically important macromolecules - proteins, nucleic acids, and their complexes at different resolution levels, ranging from atomic to cellular.

More information at [www.ciisb.org](http://www.ciisb.org).

## 1.1. Aim of the call

The aim of this call for projects is to open up CIISB research infrastructure to academic users with interesting scientific projects coming from all over the world.

## 1.2. Beneficiaries/users

- ▶ Researchers working for research organizations<sup>1</sup> and conducting basic research, e.g. universities and research institutes
- ▶ Both Czech and international applicants are welcome (EU or non-EU)

For purpose of this call two basic categories of users are specified:

- ▶ Internal users – all research groups of CEITEC and BIOCEV, users from Masaryk University and users from Institute of Biotechnology of the Czech Academy of Sciences
- ▶ External users – users from other research institutes and universities

**This call is NOT intended for companies.**

## 1.3. Available equipment and services for this call

**The following CEITEC core facilities participate in the call:**

- ▶ Biomolecular Interactions and Crystallography
- ▶ Nanobiotechnology Core Facility
- ▶ Josef Dadok National NMR Centre
- ▶ Cryo-electron Microscopy and Tomography
- ▶ Proteomics Core Facility

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<sup>1</sup> As defined by Community framework for state aid for research and development and innovation of the European Union (2006/C 323/01)

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**The following BIOCEV core facilities participate in the call:**

- ▶ Crystallization and Diffraction
- ▶ Biophysical techniques
- ▶ Structural mass spectrometry
- ▶ Protein Production

For details about equipment and services available within this call see document „**Equipment and services of CIISB research infrastructure available for CIISB call for proposals**” which is downloadable [HERE](#).

## 1.4. Selection process

**Selection process is composed of two steps:**

- ▶ **Technical feasibility** – heads of the respective CEITEC/BIOCEV core facilities judge the technical feasibility of the presented research project at their facilities (YES/NO decision). *Compulsory step for internal and external users.*
- ▶ **Peer review** – for each CEITEC/BIOCEV core facility an independent review panel of Czech and international experts is established. Proposals from external users are evaluated by at least one reviewer (Czech or international) on its scientific merit (scientific and technological excellence). *Compulsory step in case of external users.*

At the end of this process all applicants will be informed about the outcome of the selection process.

## 1.5. Funding

Project proposals that successfully pass through the selection/review procedure will be supported by CIISB research infrastructure funded by the Czech Ministry of Education, Youth and Sport. However, users have to contribute by their own funding resources to cover 15% to 30% of the cost of consumables and additional services (such as analysis or data interpretation) for the requested measurement/service.

Users will be informed about the amount of contribution after the initial technical feasibility.

## 1.6. How to apply

Fill in the online application form accessible through [THIS LINK](#).

## 1.7. Contacts

For general enquiries please contact us at [ceitec@ciisb.cz](mailto:ceitec@ciisb.cz).

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Questions about available technologies and technical feasibility of your research project shall be directed to the core facility leaders, whose contact details are mentioned in the document describing available equipment.

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## 2. General Conditions of Access

### 2.1. Intellectual property

Intellectual property generated within the research projects belongs to the user. However only users with the right to publish results are entitled to access research infrastructure.

### 2.2. Nature of research and publication of results:

This call intends to support projects of basic research conducted in academic institutions. All research results achieved under this call shall be published.

### 2.3. Acknowledgements

Publications resulting from work undertaken on CEITEC/BIOCEV core facilities in the framework of CIISB research infrastructure project have to contain an acknowledgement according to the following pattern:

*CIISB, Instruct-CZ Centre of Instruct-ERIC EU consortium, funded by MEYS CR infrastructure project LM2023042, is gratefully acknowledged for the financial support of the measurements at the CF [name of the unit/CF].*

Or in a short version: *We acknowledge [name of the unit/CF] of CIISB, Instruct-CZ Centre, supported by MEYS CR (LM2023042).*

A similar acknowledgement should be included during conference presentations, including the proceedings, and at other public presentations.

Users shall notify CIISB of all publications resulting from their work in CIISB research infrastructure. By sending the PDF file and reference details of a publication as soon as it has been published to [ceitec@ciisb.cz](mailto:ceitec@ciisb.cz). Please indicate the type of publication: Scientific Journal, Book, Patent, Proceedings, article on www, other. These publications should also carry the acknowledgement given above.

### 2.4. Data Policy

The results of the measurement will be uploaded to the external device delivered by the USER or they will be available for secured (encrypted and authenticated) data transfer over the wide-area network.

Users are obliged to make the obtained data sets publicly available after their publishing via the domain-specific repositories in the form commonly used in the respective field (e.g., wwPDB, EMDB, EMPIAR, ZENODO, PDB, BMRB, PRIDE, CCDC, etc.). If technically feasible, the deposited data should contain reference to the CIISB funding grant, specifically LM2023042 during the period 2023-

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2026. In addition, the user must provide reference to the deposited data to the CIISB with no delay via the email address [data@ciisb.cz](mailto:data@ciisb.cz).

## 2.5. Safety requirements

Users must comply with all relevant health and occupational safety rules.

Users who carry potentially dangerous materials and/or equipment must notify the user office and host organization in the application.

All visitors bringing material, including samples or equipment are advised that such equipment or material remains entirely in the responsibility of the visitors concerned.

## 2.6. Other

CEITEC/BIOCEV has the right to publish the list of users and their research projects.

There is no legal claim for this subsidy.