



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

Updated on 2nd January 2017

CIISB (Czech Infrastructure for Integrative Structural Biology), ID number LM2015043, is funded by the Ministry of Education, Youth and Sports of the Czech Republic under the activity „Projects of major infrastructures for research, development and innovations”.

Content

1. Call for projects	3
1.1. Aim of the call.....	3
1.2. Beneficiaries/users	3
1.3. Available equipment and services for this call	3
1.4. Selection process.....	4
1.5. Funding	4
1.6. How to apply	5
1.7. Contacts	5
1.8. Attachments	5
2. General Conditions of Access	6
2.1. Intellectual property	6
2.2. Nature of research and publication of results:	6
2.3. Acknowledgements	6
2.4. Safety requirements	6
2.5. Other	6

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 near Prague, Central Bohemia) providing expertise and access to technologies used for integrative approaches to structural analysis of biologically important cellular components and macromolecules - proteins, nucleic acids, and their complexes at different resolution levels, ranging from atomic to cellular.

More information at 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 organizations¹ 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 CAS.
- ▶ 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 2016 call:

- ▶ Biomolecular Interactions and Crystallization
- ▶ X-ray Diffraction and Bio-SAXS Core Facility
- ▶ Nanobiotechnology Core Facility
- ▶ Josef Dadok National NMR Centre
- ▶ Cryo-electron Microscopy and Tomography
- ▶ Proteomics Core Facility

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

The following BIOCEV core facilities participate in 2016 call:

- ▶ Crystallization of proteins and nucleic acids
- ▶ Diffraction techniques
- ▶ Biophysical techniques
- ▶ Structural mass spectrometry

For details about equipment and services available within this call see attached document „**Equipment and services of CIISB research infrastructure available for 2016 call for proposals.**”

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. Communication with the selected ones about the conducting their experiment will be started immediately after the decision on funded proposals.

“BAG” (or Block Allocation Group): a BAG project is made up by a laboratory or a regrouping of laboratories from the same Institution that has a sufficient number of research projects requiring the repeated use of Core Facilities’ instrumentation and services during one calendar year. Core Facility access is then granted upon writing a single BAG access proposal, and once accepted no further questions will be asked during the calendar year in which access is granted. The BAG application should make it clear what the individual research topics are and which research groups apply, and state all the requested instruments and services together with estimated required frequency and capacity. The above described two-step review is applied.

The peer review step can be omitted in the case of **SINGLE ACCESS** projects. The single access project type is limited to a maximum of one-day equivalent of experimental work on a particular instrument or utilizing a particular service. A maximum of three single access projects per external research group per year can be accepted, otherwise the standard selection process applies.

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 consumables or additional service (e.g. analysis, data interpretation) in the amount from 5 – 30% of 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 application form accessible through www.ciisb.org and send by email to ceitec@ciisb.cz and/or biocev@ciisb.cz based on the core facility you are interested in. State “CIISB proposal” in the subject line.

1.7. Contacts

For general enquiries please contact us at ceitec@ciisb.cz.

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.

1.8. Attachments

- ▶ Equipment and services of CIISB research infrastructure available for 2016 call for proposals
- ▶ Application form

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 research infrastructure project LM2015043 funded by MEYS CR is gratefully acknowledged for the financial support of the measurements at the CF [name of the CF].

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. A PDF file and reference details of a publication as soon as it has been published are necessary. 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. 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.

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

2.5. Other

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

There is no legal claim for this subsidy.