

Fees for using bioimaging equipment included in the Czech-Biolmaging project at the Institute of Physiology CAS (IPHYS) in 2021

Operation of the imaging equipment is supported from the program for large research infrastructures of the Ministry of Education, Youth and Sports within the project "National Infrastructure for Biological and Medical Imaging (Czech-Biolmaging – LM2018129)". Thanks to this support, the use of the equipment in the Open Access mode is enabled for reduced fees for the year 2021.

Imaging equipment at IPHYS Czech-Biolmaging project LM2018129 for the year 2021	CZBI Open Access (CZK/h)	External (CZK/h)
SP8	160,-	on demand
STELLARIS	160,-	on demand
BRUKER ULTIMA	210,-	on demand
SPE	100,-	on demand
CARVII	fully subsidized	on demand
CELLVIZIO	fully subsidized	on demand
OPT BIOPTONIC	fully subsidized	on demand
OPT MILANO	80,-	on demand
SPIM	fully subsidized	on demand
μCT/PET scanner	specific regime	on demand

External users fees: are specified by the manager and project manager depending on the required character and duration of the measurement and on the experimental design of the study. Contact the manager or the project manager.

Operator: Service of the operator within regular operation and initial user training are fully subsidized. If the operator service beyond the regular facility operation is needed, contact the scientific manager.

Equipment involved in the Czech-Biolmaging project:

1. **SP8** Inverted confocal microscope Leica SP8 with multiphoton excitation
2. **SPE** Upright confocal microscope Leica SPE
3. **BRUKER** Multiphoton microscope Bruker Ultima IntraVital
4. **CARVII** Confocal microscope with Nipkow spinning disk
5. **OPT Bioptonics** Optical projection tomography scanner Bioptonics OPT 3001
6. **OPT Milano** Optical projection tomography scanner "Milano"
7. **Cellvizio** Cellvizio optic fibre confocal microscope (Mauna Kea)

8. **SPIM** Selective Plane Illumination Microscope
9. **μCT/PET** Scanner μCT/PET, Albira (Bruker)

- **CZBI Open Access**

Fill in the Czech-BioImaging Open Access form:

<https://app.greception.com/form/5de5f709/>

The request for access within CZBI Open Access is evaluated by the device manager. Ideally, contact the device manager at the time of planning your experiment.

Publications with results obtained by using the equipment of the IPHYS Bioimaging Facility in the CZBI Open Access regime are required to include dedication to the project CZBI – LM2018129.

User records the equipment use in the equipment log book or by login to the registration software.

- **VAT** – The potential invoice includes VAT according to the law.
- **Special techniques of sample preparation, e.g. CUBIC, etc.** Samples are prepared by the user. If assistance is needed, contact the scientific manager before the start of the study.
- **The fees stated above are valid from 1. 3. 2021.**

Device managers and operators

Microscopes SP8, SPE, BRUKER, CARV II:

– manager Mgr. David Vondrášek, tel: 24106 2274, -2472, -2582,

David.Vondrasek@fgu.cas.cz

– operator Ing. Mgr. Daniel Hadraba, Ph.D., tel: 776 441 811, 24106 2314, -2472,

-2582, Daniel.Hadraba@fgu.cas.cz

Cellvizio:

– manager Doc. MUDr. Jakub Otáhal, Ph.D., tel: 24106 2813,

Jakub.Otahal@fgu.cas.cz

– operator Mgr. David Kala, tel: 24106 2813, David.Kala@fgu.cas.cz

Optical projection tomography - OPT Milano, OPT Bioptonics :

- manager RNDr. Barbora Radochová, Ph.D., tel: 24106 3769, -2124,
Barbora.Radochova@fgu.cas.cz
- deputy manager Mgr. David Vondrášek, tel: 24106 2274, -2472, -2582,
David.Vondrasek@fgu.cas.cz
- operator Ing. Mgr. Daniel Hadraba, Ph.D., tel: 776 441 811, 24106 2314, -2472,
-2582, Daniel.Hadraba@fgu.cas.cz

SPIM – Selective Plane Illumination Microscope

- manager RNDr. Barbora Radochová, Ph.D., tel: 24106 3769, -2124,
Barbora.Radochova@fgu.cas.cz
- deputy manager Mgr. David Vondrášek, tel: 24106 2274, -2472, -2582,
David.Vondrasek@fgu.cas.cz
- operator Ing. Mgr. Daniel Hadraba, Ph.D., tel: 776 441 811, 24106 2314, -2472,
-2582, Daniel.Hadraba@fgu.cas.cz

μCT/PET (Skener μCT/PET, Albira (Bruker))

- manager and supervisor Roman Liška, tel: 24106 2480, Roman.Liska@fgu.cas.cz

In case of any questions, please contact:

- scientific manager Czech-BioImaging: Ing. Mgr. Daniel Hadraba, Ph.D.,
tel: 776 441 811, 24106 2314, -2472, -2582, mail: Daniel.Hadraba@fgu.cas.cz
- project manager Czech-BioImaging: Ing. Jitka Čočková, tel: 24106 2492, 723 203
531, mail: Jitka.Cockova@fgu.cas.cz

PROJECT DETAILS and EQUIPMENT DESCRIPTION:

www.fgu.cas.cz/en/czech-bioimaging/ and www.czech-bioimaging.cz