

Call for User Project Support

For academic researchers seeking to apply chemical biology approaches to advance basic research or early-stage drug discovery, **CZ-OPENSREEN National Infrastructure for Chemical Biology** is committed to supporting your project at every stage.

Our mission is to identify novel molecular probes and develop advanced tools for studying chemical compounds as candidates for future therapeutic development.

Through dedicated funding programs, users from around the world are supported in conducting **high-throughput screening** projects within our infrastructure.

Do you have an innovative research project in chemical biology or genetics? CZ-OPENSREEN offers funding opportunities to support exceptional research ideas and help advance your project to the next level.

We offer comprehensive services to identify biologically active compounds by screening large chemical libraries using biological assays and state-of-the-art technologies integrated into robotic platforms. Our portfolio includes a wide range of biochemical and cell-based assays, approximately 100 normal and tumor cell lines, and access to a chemical library of more than 200,000 compounds. With cutting-edge equipment and a personalized, user-focused approach, these resources provide excellent opportunities for impactful research.

If you have a groundbreaking idea, apply now and become part of the next wave of innovation in chemical biology research.

Call Timeline

Call opening – **5 May 2026**

Application deadline – **5 June 2026**

Results announcement – **30 June 2026**

Eligibility

This call is primarily intended for researchers from academic institutions engaged in independent or basic research, such as universities and research institutes in the Czech Republic and abroad. Other potential users may collaborate with CZ-OPENSREEN under the conditions specified on our website.

Application and evaluation procedure

For an initial consultation regarding your research project, please get in touch with us by email at cz-openscreen@img.cas.cz or by using the contact form.

Applicants must complete the Open Access application form and provide detailed information on the project's scientific and methodological relevance, expected outcomes, and financial requirements.

The project budget must be consulted with a CZ-OPENSREEN facility member. Approved financial support will be covered directly by CZ-OPENSREEN. Travel, accommodation, and per diem expenses are not eligible for support. Please note that there is no legal entitlement to receive this funding.

All applications will be evaluated by members of the CZ-OPENSREEN Open Access Committees based on the proposed project's scientific focus.

Evaluation criteria

Biological rationale – evaluation of how effectively the project builds on current biological knowledge, identifies relevant gaps in understanding, and presents a clear, coherent biological justification for the proposed research strategy and anticipated outcomes.

Technical feasibility – assessment of the suitability and maturity of the proposed technical approaches, the availability of required expertise and infrastructure, and the likelihood that the project can be successfully executed within the planned budget, timeline, and technical constraints.

Novelty and impact – the extent to which the project introduces original concepts, hypotheses, or approaches beyond the current state of the art, and the potential of the expected results to significantly advance biological knowledge, methodology, or future applications.

Plans for post-screening stages – the extent to which the project presents a clear, logical, and feasible strategy for follow-up studies after the screening phase, including validation, hit prioritization, and progression toward mechanistic or functional characterization.

After **project approval**, an Open Access contract will be executed. As part of the collaboration, a Material Transfer Agreement will also be established between CZ-OPENSREEN and the user. High-throughput screening data and other results generated

during the research may be embargoed for up to 3 years to publish priority data or protect intellectual property.