

Call for Proposals for Subsidized Multi-Omics Research Projects

Academic Year 2025/2026

The Multi-Omics Center - Israel's first platform for Multi-Omics research, harmonizing and integrating genomics, transcriptomics, proteomics, metabolomics, and lipidomics - was established by the Technion - Israel Institute of Technology, Ben-Gurion University of the Negev, and the University of Haifa, with the support of the Planning and Budgeting Committee of the Council for Higher Education (VATAT). The Center operates as a joint, cross-institutional initiative that integrates and harmonizes the activities of key infrastructure units, including the Azrieli Technion Genomics Center, the Smoler Proteomics Center (Technion), the Perlmutter Metabolomics and Lipidomics Center (Technion), the BGU Bioinformatics Core Facility, the Multi-Omics Bioinformatics Platform at the Technion, and the BGU Metabolomics Unit.

The Center serves as a one-stop shop for researchers from academia, biotechnology, and industry, providing comprehensive professional support - from experimental design and sample preparation, through advanced analyses at the core facilities, to multi-layer data integration and bioinformatics analysis.

We hereby invite researchers to submit proposals for multi-omics research projects that integrate at least two omics layers (e.g., transcriptomics and proteomics). Projects combining three or more layers are encouraged and may receive preference due to their broader integrative potential. In line with the strategic focus of the VATAT grant, proposals related to environmental and ecological topics- are especially welcome.

Submission Guidelines:

Please submit a concise proposal - 1-2 pages - including:

- Scientific background and research question
- Rationale for applying a multi-omics approach
- Expected outcomes and potential scientific contribution
- Names of researchers involved and participating laboratories
- Contact person and email

It is recommended to attach a relevant scientific reference, preferably a publication or result from your own lab, if available.

Applicants must confirm that the project is at an advanced planning stage and can begin within **3 months of approval**.

Selected projects will receive a subsidy covering up to 75% of analyses costs (based on the price quote provided), up to a maximum of 35,000 NIS per project, funded by the VATAT grant.

Submission Deadline: October 17, 2025

We look forward to receiving your proposals and to collaborating in promoting groundbreaking, multidisciplinary research.

You are welcome to visit our website: <https://multiomics.technion.ac.il>

Please send the proposals to:

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Head, Multi-Omics Center

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