



Edmond J. Safra Center
for Bioinformatics
Tel Aviv University



THE 4TH CALL FOR SPARK TEL AVIV MENTORING PROGRAM PROPOSALS 2022-2023

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and
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Enhance Translation of Bioinformatics Discoveries to the Clinic

COMPUTATIONAL SPARK TRACK

SPARK TEL AVIV is a mentoring program created to accelerate scientific discoveries and clinical practices by bridging the gap between academic research and the healthcare industry. Our mission is to help researchers from TAU and affiliated hospitals overcome the obstacles involved in moving their early discoveries from bench/workstation to bedside by directing and facilitating their translational research.

This year, for the first time, SPARK TEL AVIV teams with the EDMOND J. SAFRA CENTER for BIOINFORMATICS at TAU to open a new computational track, aiming to enable translation of computational biomedical research to healthcare practice. The call invites translation of NOVEL COMPUTATIONAL TECHNIQUES into CLINICAL and DIGITAL HEALTH APPLICATIONS. Invited applications are for projects in the pre-translational phase, where computational proof of concept has already been established, and implementation is possible within 1-2 years. The program will support expenses needed for taking the project toward such implementation, including market surveys and analyses, product design, and software engineering efforts required for reaching commercial-quality and clinic-ready computational tools.

YOUR BENEFITS:

- Project management support and mentorship
- Funds to support and de-risk your project, up to a maximum of \$100,000 per project/year, for a maximum of 2 years
- Advice from industry leaders
- Education on computational products, drug development, medical devices, and diagnostics
- Participation in a community of inventors and entrepreneurs (both computational and therapeutics)
- Access to investors and experts with commercialization experience
- Membership in the international SPARK network
- Support for bringing your invention to the clinic

ELIGIBILITY AND PRIORITY:

- Applications will be accepted from regular full time TAU investigators (not emeriti)
- Applications must include a substantial computational component and a focus on computationally-centered health application
- Priority will be given to teams that include a collaboration of TAU researchers and physicians affiliated to TAU

CRITERIA

- Scope of UNMET CLINICAL NEED
- Established COMPUTATIONAL PROOF OF CONCEPT
- NOVELTY of approach
- TEAM suitability
- Quality of DATA
- Probability of COMMERCIALIZATION
- FEASIBILITY (Budget and time)

HOW TO APPLY?

Use the application form at the SPARK TEL AVIV website <https://spark-telaviv.tau.ac.il/call-cubes-lobby-2022-2023>

Deadline: November 22, 2022

For questions and additional information, please visit the SPARK website or contact:
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