Edmond J. Safra Center for Bioinformatics
Tel Aviv University

I-Medata
AI center

TEL AVIV SOURASKY
MEDICAL CENTER
ICHILOV

Announcing the awardees of
Collaborative Clinical Bioinformatics Research Grants of The Edmond J. Safra Center for Bioinformatics at TAU & Tel Aviv Sourasky Medical Center

The **Edmond J. Safra Center for Bioinformatics** aims to promote excellence in clinical bioinformatics research by bringing together bioinformatics scientists and clinicians. This year, together with **I-Medata AI Center** at **Tel Aviv Sourasky Medical Center** (TASMC) we published a joint call for grants with the intention to support fundamental and translational collaborative research that combines novel computational techniques and clinical applications. The grants were for the amount of up to 200,000 NIS each.

Each proposal was anonymously reviewed by three or four independent reviewers.
Final decisions were made by the grant committee of Prof. Irit Gat-Viks (TAU) and Dr. Orli Kehat (TASMC).

We are excited to announce the awardees:

Yaron Arbel, Tel Aviv Sourasky Medical Center, and **Noam Shomron,** Faculty of Medicine, TAU

"Advanced electrocardiogram (ECG) interpretation using artificial intelligence (AI)"

Shlomo Berliner, **Shani Shenhar-Tsarfaty**, Tel Aviv Sourasky Medical Center,

Saharon Rosset, Dept. of Statistics and Operations Research, TAU, **Daniel Nevo**, Dept. of Statistics and Operations Research, TAU, **and Uri Obolski**, School of Public Health, TAU

"Identifying effective antibiotic treatments through CRP dynamics"

Revital Kariv, Tel Aviv Sourasky Medical Center, and **Elhanan Borenstein**, Faculty of Medicine and the School of Computer Science, TAU

"Microbiome and metabolome profiling in patients with familial adenomatous polyposis compared to subjects with sporadic colorectal polyps: A comprehensive meta-omic analysis"

Hagai Ligumsky, Tel Aviv Sourasky Medical Center, and **Ron Shamir**, School of Computer Science, TAU

"Metastatic colorectal cancer care optimization in patients receiving systemic chemotherapy"

Nidal Muhanna, Tel Aviv Sourasky Medical Center, and **Tal Pupko**, the Shmunis School of Biomedicine and Cancer Research , Faculty of Life Sciences, TAU

"Molecular signature for prediction of malignancy in salivary gland cytopathology"

Liat Samuelov, Tel Aviv Sourasky Medical Center, and **Tzhachi Hagai**, the Shmunis School of Biomedicine and Cancer Research, Life Sciences Faculty, TAU

"Inference of epidermal adhesion dysregulation in cutaneous inflammation through single-cell and inter-cellular network analysis"

Congratulations to the awardees!

Many thanks to the applicants and to the reviewers. We appreciate your participation and hope these seed grants will lay a foundation for larger, advanced collaborations in the future.

The Grant Committee: **Prof. Irit Gat-Viks** (TAU) and **Dr. Orli Kehat** (TASMC).