

Announcing the awardees of
the Collaborative Clinical Bioinformatics and AI Research Grants of
The Edmond J. Safra Center for Bioinformatics
The Center for AI and Data Science at Tel Aviv University (TAD)
and Eisenberg R&D Authority, Shaare Zedek Medical Center (SZMC)

To foster collaborations between researchers we published a joint [call for grants](#) aiming to support fundamental and translational collaborative research that combines novel computational techniques, AI and clinical applications. The grants awarded are 130,000 NIS each. Each proposal was reviewed by independent reviewers. Final decisions were made by the grant committee.

David Gurwitz, Faculty of Medicine, TAU

Adi Aran, MD, Pediatric Neurology Unit, SZMC

Title: *"AI for early diagnosis of autism spectrum disorder with RNA expression profiles combined with phenotypic assessment"*

Elhanan Borenstein, Faculty of Medicine & School of Computer Science, TAU

Dotan Yogev, MD, Juliet Keidan Institute of Pediatric Gastroenterology and Nutrition, SZMC

Title: *"Integrative multi-omic analysis of response to dietary interventions in pediatric patients with Crohn's disease"*

Gabriel Chodick, Faculty of Medicine, TAU

Shoshana Revel-Vilk, MD, Gaucher Unit, SZMC

Galia Zacay, MD, Meuhedet Health Organization Research Center

Title: *"Validation of a machine learning algorithm for early diagnosis of Gaucher disease"*

Lior Wolf, School of Computer Science, TAU

Arik Wolak, MD, Jesselson Integrated Heart Center, SZMC

Elad Asher, MD Jesselson Integrated Heart Center, SZMC

Ranel Loutati, Jesselson Integrated Heart Center, SZMC

Title: *"Anticipating permanent pacemaker implantation after trans-catheter aortic valve implantation: A deep-learning based prediction model utilizing pre-procedure computerized tomography angiography"*

Uri Obolski, Faculty of Medicine and Porter School of Environmental Studies, TAU

Yariv Gerber, Faculty of Medicine, TAU

Tal Hasin, MD, Jesselson Integrated Heart Center, SZMC

Title: *"Identifying trajectories of the six-minutes walk test in heart failure prognostication: A machine learning approach"*



Congratulations to the awardees!

Many thanks to the applicants and to the reviewers. We appreciate your participation.

The Grant Committee: Prof. Michael Glikson (SZMC) and Prof. Ran Gilad-Bachrach (TAU)

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Management of the participating Centers: Edmond J. Safra Center for Bioinformatics at Tel Aviv University | The Center for AI and Data Science at Tel Aviv University (TAD) | The Eisenberg R&D Authority, Shaare Zedek Medical Center