

# The TAD Health and Biomedical Community meeting

*Sunday 6/2/2022 13:00 via ZOOM*

<https://tau-ac-il.zoom.us/j/87352075573>

THE OVERALL AIM OF OUR COMMUNITY IS TO IMPROVE OUR UNDERSTANDING OF HEALTH AND DISEASE PROCESSES AND TO ADVANCE PUBLIC HEALTH AND BETTER CURES. WE WILL BRING TOGETHER SCIENTISTS FROM THE FIELDS OF MEDICINE, LIFE SCIENCES, CORE ARTIFICIAL INTELLIGENCE AND DATA SCIENCE TO SHARE IDEAS AND FORM NEW COLLABORATIONS. WE WILL ALSO INVITE LEADERS FROM THE INDUSTRY WHO WORK WITH BIOMEDICAL DATA SCIENCE AND ARTIFICIAL INTELLIGENCE TO PRESENT, DISCUSS AND FACILITATE COLLABORATIONS.

WE WILL MEET ON THE FIRST SUNDAY OF EACH MONTH AT 13:00

*Dr. Ranit Aharonov, CTO, Pangea Biomed.*

## "Harnessing Tumor Transcriptomics to Advance Precision Oncology".

Pangea Biomed has developed ENLIGHT - a platform that predicts response to targeted cancer treatments through in-depth analysis of tumor expression data. Pangea's approach combines mapping of functional genetic interactions, with sequencing of both DNA and RNA to uncover tumor vulnerabilities that are not identified by conventional analysis. In this talk, we will explain the basis for Pangea's technology and demonstrate ENLIGHT's performance in several clinical scenarios.

*Dr Uri Obolski, Dr Pablo Blinder,  
Prof Noam Shomron*



TAD - Center for Artificial Intelligence & Data Science  
Tel Aviv University

 BioMed@TAU

Edmond J. Safra Center for Bioinformatics