



**Prof. Uri Ben-David, Ph.D.**, Department of Human Molecular Genetics & Biochemistry, School of Medicine, and Safra Center for Bioinformatics, Tel Aviv University

Prof. Ben-David's laboratory ([www.bendavidlab.com](http://www.bendavidlab.com)) focuses on a fundamental, understudied trait of cancer, called aneuploidy – a change in the number of chromosomes in cancer cells. The lab applies a variety of experimental and computational approaches to deciphering the biological processes that underlie this phenomenon and develops novel strategies to exploit this unique trait in order to target cancer cells and eliminate tumors. By uncovering the mechanisms underlying aneuploidy his research expands our understanding of the genetic basis of cancer, thereby opening new avenues for personalized treatments.

Prof. Ben-David completed his B.Sc. and Ph.D. studies (*Summa Cum Laude*) at the Hebrew University, where he studied stem cell biology under the supervision of Prof. Nissim Benvenisty. He then became a postdoctoral fellow at the Broad Institute of Harvard and MIT, where he studied cancer genetics with Prof. Todd Golub. Throughout his training, Prof. Ben-David received numerous prestigious awards, including the Clore Doctoral Fellowship, Dan David Scholar Award, American Society of Cell Biology Kaluza Award, and the European Molecular Biology Organization (EMBO), Rothschild and Human Frontiers Science Program (HFSP) Postdoctoral Fellowships.

Prof. Ben-David currently leads a group of 19 staff scientists and students. As an independent investigator, Prof. Ben-David is a recipient of multiple grants and awards, including the 2020 AACR 'Next Generation Star' Award, the 2020 'ERC Starting Grant', and the 2021 'Cells 'Young Investigator Award', the 2022 'Krill Prize by the Wolf Foundation', and the 2023 'Kadar Award for outstanding Research'. Starting 2022, Prof. Ben-David is a member of the prestigious EMBO Young Investigator Program. Prof. Ben-David is the author of >60 peer-reviewed papers that were published in prestigious scientific journals, and his work has been cited over 8,000 times and has already contributed to a clinical trial that is currently ongoing in the U.S.A.

From the popular press:

<https://www.haaretz.com/science-and-health/.premium-israeli-researcher-finds-method-to-fix-creation-process-of-cancer-meds-1.6362432>

<https://www.jpost.com/health-science/israeli-scientists-say-theyve-found-achilles-heel-of-cancer-cells-657029>