

Asst. Prof. Daphne Weihs

Prof. Weihs holds an appointment of Asst. Professor with tenure at the Faculty of Biomedical Engineering, Technion-Israel Institute of Technology, Haifa Israel. She received her B.Sc. (Cum Laude), M.Sc. (Cum Laude), and Ph.D. in Chemical Engineering from the Technion-IIT. She then continued as a post-doctoral researcher at the Department of Pathology and Lab Medicine, School of Medicine at the University of California at Los Angeles (UCLA).

Prof. Weihs' research interests are in mechanobiology of cancer and wounds, focusing on approaches related to cell mechanics to predict cancer metastasis and to prevent wound and accelerate healing. She has published over 35 peer reviewed articles in the top Biophysics and Biomedical Engineering journals, has presented over 100 seminars and conference talks (including invited and keynote talks). Prof. Weihs serves on the editorial board of the journal Convergent Science Physical Oncology. Her research is funded by highly competitive governmental scientific funding agencies such as the Israel Ministry of Science and Technology (MOST), the Israel Ministry of Health (MOH), and the Israel Ministry of Economics. Among her honors and awards are the Henri Gutwirth Research Grant Award, a paper featured in 'Highlights of 2013 collection' of New Journal of Physics, and she was chosen as one of the 50 Most Influential Women in Israel, Globes 25th Annual Listing in the supplement Lady Globes of September 2015.