

Dr. Tali Ilovitsh

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Dr. Tali Ilovitsh is an Assistant Professor in the department of biomedical engineering. She leads a translational research program that focuses on developing therapeutic ultrasound methods for cancer and brain therapy, utilizing gas bubbles and low-frequency ultrasound. In ultrasound diagnostics, she pioneered optically inspired ultrasonic techniques to establish new imaging methods. Her innovative approach is a medical breakthrough that has the potential to become a gold standard for cancer therapy.

She is a member of the IEEE UFFC Administrative Committee, serves on the IEEE International Ultrasonics Technical Committee and is on the Advisory Board of the *Journal of Controlled Release*. Dr. Ilovitsh has been recognized for her work and received numerous awards, including being elected to *Forbes Israel* magazine's "30 Under 30" List in Science. She received the prestigious European Research Council starting grant and has been honored with two Excellence Teaching awards from her department.

Dr. Ilovitsh received her BSc, MSc, and PhD in electrical engineering from Bar-Ilan University.



She conducted her postdoctoral research in ultrasound therapy and imaging at the University of California Davis and later at Stanford University's School of Medicine.



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