

Annual Meeting

The Marian Gertner Institute for Medical Nanosystems Tel Aviv University

Broadcom (Samueli) Building 001

March 12th, 2025

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Program	Cathoring 9 poffs
09:30 – 10:00 10:00 – 10:10	Gathering & coffee Prof. Karen Avraham, Dean, Faculty of Medical and Health Sciences Prof. Noam Eliaz, Dean, Faculty of Engineering Opening remarks
Session 1	Chair: Prof. Gili Bisker
10:10 – 10:20 10:20 – 10:30	Ekaterina Kuznetsova , Remote Control on Cell Signaling Using Magnetic Gels Buwei Shao , ASO-Mediated Knockdown of PHOX2B to Rescue CCHS Phenotypes
10:30 – 10:40	Talya Bar-Am, Monoclonal Antibodies to Combat Antibiotic-Resistant Bacteria
10:40 – 10:50	Ilia Mezdrokhin , Modeling nanobubble dynamics at low ultrasound frequencies for theranostic applications
10:50 – 11:00	Rami Khoury, Targeted nanoparticles overcome the suppressive tumor microenvironment of BRCA1-mutated breast cancer brain metastasis
11:00 – 11:10	Pavel Bezrukov , Silvered Vaterite – Light Driven Metamaterials for biomedical application
11:10 – 11:30	Coffee break
11:10 – 11:30 Session 2	Coffee break Chair: Prof. Lihi Adler-Abramovich
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