

Happening Today! - Special Seminar - Prof. Tali Konry - May 5th, 14:10, M8 Building, Room 208

Dear All,

Please join us for a special seminar by Prof. Tali Konry.

Single-cell dynamic analysis to improve the biomanufacturing process for engineering of cell therapy products

May 5th , 14:10, M8 Building, Room 208

The Shraga Segal Department of
Microbiology, Immunology, and Genetics

Special Seminar



Prof. Tali Konry

Department of Pharmaceutical Sciences
Northeastern University

May 5th , 14:00
M8 Building, Room 208

Single-cell dynamic analysis to improve the biomanufacturing process for engineering of cell therapy products

In this project, we aim to develop a microfluidic device to sort immune cells effectively, focusing on identifying those with optimal activity. By characterizing this population, we seek insights into enhancing chimeric antigen receptor (CAR) cell therapies. Leveraging sequencing data, we aim to engineer immune cells with heightened specificity for cancer antigens. Furthermore, we plan to expand sorted immune cells to maximize their anti-tumor potential. This technology will enable the fine-tuning of CAR cell responses, facilitating the optimization of immunotherapy effectiveness. Ultimately, our goal is to advance immune response understanding and improve immunotherapy biomanufacturing.

Hosts:

Angel Porgador, Ofir Cohen & Dan Bar Yaacov