

Shon A. Levkovich

Shon A. Levkovich is a PhD student at Prof. Ehud Gazit's laboratory at the Shmunis School of Biomedicine and Cancer Research, Faculty of Life Sciences, Tel Aviv University.

He has begun his academic career at the age of 14, enrolling at The Open University of Israel, and completed his BSc studies in Life Sciences (*summa cum laude*) together with graduating from high school.

At the age of 18, he has joined Prof. Gazit's laboratory at the prestigious direct-fast PhD track.

His research aims to unravel 'Metabolostasis' - the cellular mechanisms that allow cells to cope with aggregation-prone metabolites and their emergence throughout evolution.

This research, funded by the John Templeton Foundation, applies yeast and bacterial models along with state-of-the-art robotic tools for genome-wide screens and imaging technologies.

Elucidating 'Metabolostasis' could bear immense implications both on our fundamental understanding of cell biology and serve as a target for the development of novel therapeutics for inborn errors of metabolism and neurodegenerative diseases.

