

## **Eran Stark**

**Eran Stark** is a researcher in the Department of Physiology and Pharmacology in Sackler Faculty of Medicine and in Sagol School of Neuroscience. His lab uses rodents to study the spiking network mechanisms underlying cognition, focusing on short term memory, episodic memory, and learning. The working assumption is that to go beyond correlative findings, the nervous system must be manipulated at the spatiotemporal resolution of a single neuron and single spike in behaving animals, and major efforts are made to invent and apply suitable technologies.

Eran was a Chief Engineer on a missile frigate in the Israeli Navy before completing an M.D. and a Ph.D. (*Summa Cum Laude*) in Neural Computation at the Hebrew University. He conducted post-doctoral research in Rutgers University and NYU before joining TAU in 2015. He has co-authored over 30 journal articles. He was a Rothschild fellow, an HFSP fellow, and was recently awarded an ERC Starting Grant. His current research is supported by British, Canadian, European, Israeli, and US programs, and his lab includes 10 members from diverse backgrounds including biology, engineering, math, physics, and psychology.