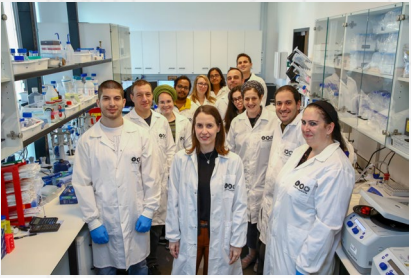




# Dr. Gili Bisker – The Nanosensors and Biophysics Lab

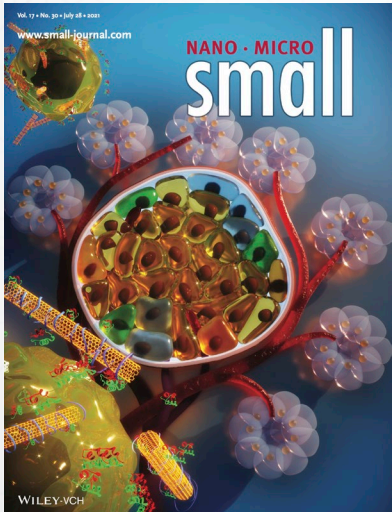
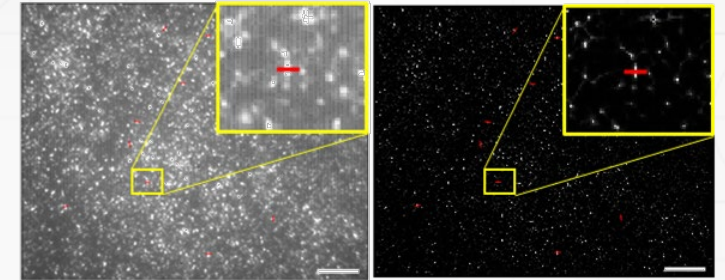
Biomedical Engineering Department, Tel Aviv University



The Bisker Lab develops optical nanosensors in the near-infrared using fluorescent single-walled carbon nanotubes



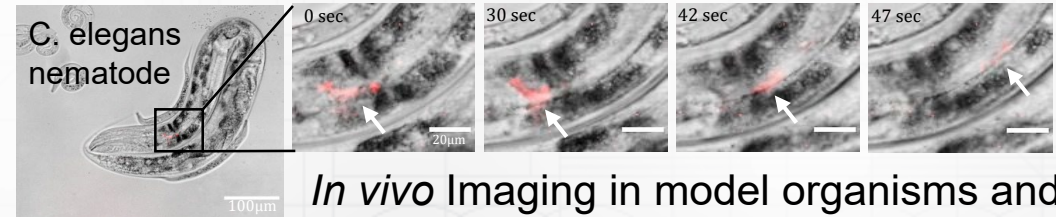
Super resolution imaging in the near infrared using advances image analysis tools and deep learning



Real-time feedback on insulin secretion by pancreatic beta-cells for accelerating diabetes research



Monitoring the Activity and Inhibition of Cholinesterase enzymes for studying the cholinergic system



In vivo Imaging in model organisms and in live cells for monitoring biological processes

