



Dr. Gilbert Daniel Nessim, PhD, MBA

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The laboratory of Dr. Nessim at Bar Ilan University focuses on the *synthesis of nanostructures*. The main goals are (1) to better understand the complex mechanisms of growth of carbon nanostructures such as nanotubes, nanofibers, and graphene, (2) to functionalize the synthesized structures, and (3) to integrate them as electrodes for more efficient batteries and supercapacitors or other devices (medical, optical, etc.).

Dr. Nessim joined the faculty of chemistry at Bar Ilan University in 2010. He holds a PhD in Materials Science and Engineering from MIT, an MBA from INSEAD (France), and Masters in Electrical Engineering from the Politecnico di Milano and from the Ecole Centrale Paris. Prior to his PhD, Dr. Nessim spent over a decade in high-tech industry and consulting across Europe, USA, and Israel.