

Netanel Korin – Short Bio

Dr. Netanel Korin is an Associate Professor in the Department of Biomedical Engineering at the Technion – Israel Institute of Technology and the head of the Cardiovascular NanoMed Engineering Lab. His research focuses on interdisciplinary and translational cardiovascular engineering, with particular interest in the engineering aspects of vascular pathophysiology. He investigates the complex interplay between hemodynamics, vascular biology, biomechanics, and transport phenomena in vascular diseases, aiming to develop innovative therapeutic strategies based on biomechanical insights.

Prior to joining the Technion faculty, Dr. Korin was a Wyss Technology Development Fellow and Research Associate at the Wyss Institute for Biologically Inspired Engineering at Harvard University. He holds a BSc in Mechanical Engineering and both MSc and PhD degrees in Biomedical Engineering from the Technion.

Dr. Korin has received multiple honors, including the Melvin and Caroline Miller Innovation Award, a European Research Council (ERC) Consolidator Award, the Wyss Technology Development Fellowship, the Outstanding Paper Award from ASME NEMB, and the International Society for Clinical Hemorheology (ISCH) Travel Award. He is also the author of several patents, which serve as the foundation for startup companies translating his research into clinical and commercial applications.