

Tal Dvir is a Professor at Tel Aviv University, Israel. He obtained his B.Sc. (2003) and Ph.D (2008) degrees from the faculty of Engineering at the Ben-Gurion University of the Negev in Israel. His Ph.D research focused on cardiac tissue engineering and regeneration. Tal continued his postdoctoral studies in the laboratory of Prof. Robert Langer in the Department of Chemical Engineering at MIT. His postdoc research focused on advanced materials for tissue engineering and regeneration. In October 2011, Tal was recruited by the Department of Biotechnology and the Center for Nanotechnology at Tel Aviv University to establish the Laboratory for Tissue Engineering and Regenerative Medicine. Tal is also affiliated with the Department of Biomedical Engineering in the faculty of Engineering, and the Sagol Center for Neuroscience.

Tal's laboratory designs and develops smart bio-nanomaterials and technologies for engineering complex tissues and organs, including the heart, brain, spinal cord, intestine, eyes, and more. Tal has published many high-impact papers and received numerous prizes and awards during his career. Tal is also an inventor of numerous patents and a founder of several companies.

Tal is currently the Director of Tel Aviv University Center for Nanoscience and Nanotechnology, and the Founding Director of the Sagol Center for Regenerative Biotechnology.