



Dr. Michal Vakrat Wolkin
3M

Dr. Michal Vakrat Wolkin - Short Bio

Dr. Michal Vakrat Wolkin joined 3M's as the Global head of R&D in Israel in 2014 as part of 3M's efforts to expand its investments in Israel. Her role is focused on connecting 3M to the Israeli innovation eco system, with emphasize on Nanotechnology, Sensors/IOT, Energy, and Healthcare. She is responsible for R&D and collaborations with Israeli startups, academia, government, multinationals, and other industrial partners.

Michal joined 3M after living in the USA- Silicon Valley for over 17 years. In her last position Dr. Vakrat Wolkin was the technical Chair of the NASA/ Clean Tech Open Night Rover Challenge since 2012. From 2008, Michal was Better Place director of Battery technologies in Palo Alto. Before joining Better Place, she was a member of the research staff at the Palo Alto Research Center (Xerox PARC) Materials and hardware labs working, where she led a group of researchers in the area of Nanotechnology and Energy. Prior to that Dr. Vakrat Wolkin was a Post Doc in the Sensing group at Xerox PARC.

Dr. Wolkin received a PhD in Materials Science, focusing on Nanotechnology and Photonics from the University Of Rochester, NY, and an undergraduate degree in Chemical Engineering from The Technion. Her Post Doc is from Xerox PARC. She holds 10 patent applications, and her research is widely cited (over 1800 citations to her PRL paper). Dr. Vakrat Wolkin currently serves on various industrial review panels related to nanotechnology, batteries, and other materials areas, and is a frequent speaker at industry events.