

Roi Gazit

Roi Gazit, PhD., PI of Hematopoietic Stem Cell (HSC) transcriptome laboratory at the Ben-Gurion University of the Negev, and National Institute for Biotechnology in the Negev (NIBN). Earned a B.Sc. and M.Sc. in life science and developmental biology from the Hebrew University of Jerusalem. PhD in immunology- NK-cell, under supervision of Ofer Mandelboim, generated the first NK specific mouse model and elucidated novel NK-cell abnormalities in human patients. Postdoctoral studies at the Harvard Medical School, Derrick Rossi laboratory, identification and utilization of HSCs' genes, reprogramming of committed blood cells into HSCs using defined transcription-factors, and generation of a novel HSC-reporter mouse. His laboratory at the Ben-Gurion University is studying HSCs' transcriptome along normal development and during immune-challenges.