

Prof. Yinon Ben-Neria CV June 2021

Yinon Ben-Neria studied medicine in Tel Aviv university and PhD in immunology at the Weizmann Institute of Science. Following his army service, he went to MIT for postdoc, where he studied genes and proteins driving chronic myeloid leukemia. Upon return to Israel, he received a faculty position in the Lautenberg Center for Immunology at the Hebrew University Medical School, where he serves now as a professor, head of a research group and vice dean for research.

His research group studies signal transduction - regulatory processes in normal cells that go wrong in cancer cells. Among his research achievements are identification of an enzyme-receptor responding to oxidative stress, first demonstration of ubiquitin-protein conjugation as a process mobilizing transcription, identification of enzymes involved in this process, and of key enzymes in an important developmental pathway.

Ben-Neria's contribution to cancer research include identification of the first molecular factor explaining the link of inflammation and cancer, revealing an occult inflammation that drives cancer and characterization of genes and proteins playing a key role in intestinal cancer. Ben-Neria is also practicing translational cancer research, including drug development based on enzyme inhibition, for leukemia therapy.

Prof. Ben-Neria is an elected member of the European Molecular Biology Organization and an adjunct professor in Shanghai Jiao Tong University. He won several prizes for biomedical research, including the Landau, Teva Founder's, Rappaport and the EMET prize.