



Nabieh Ayoub

Prof. Nabieh Ayoub is a molecular biologist and cancer researcher who heads the Laboratory of DNA Repair & Cancer at the Technion – Israel Institute of Technology. He earned his BSc in Biology and MSc in Genetics from the Hebrew University of Jerusalem, and his PhD in Molecular Biology from Hadassah Medical School. He carried out postdoctoral and senior scientist research at the MRC Cancer Cell Unit, University of Cambridge, before founding his own laboratory at the Technion in 2010. He was promoted to Associate Professor with tenure in 2016 and to Full Professor in 2021.

Since launching his independent laboratory at the Technion, Prof. Ayoub has made pioneering contributions to understanding DNA damage response and repair mechanisms. His research has identified novel roles for lysine demethylases and RNA binding proteins in maintaining genome stability, shed light on the molecular mechanisms of transcriptional silencing at DNA double-strand breaks, and investigated how these findings can inform new diagnostics and therapeutic strategies for cancer.