

Avigdor Scherz received his Ph.D. in physical chemistry and biophysics at the Hebrew University, Jerusalem in 1980 and now holds the Robert and Yadelle Sklar Professorial Chair in Biochemistry at the Weizmann Institute of Science. A recipient of the Somech Zachs award in Chemistry, he heads the Israeli Avron-Minerva Center for Photosynthesis (with JH) and the WIS lab for photobiology and biotechnology. AS applies repertoire of disciplines ranging from combinatorial mutagenesis to high-level quantum-mechanical computations to pursue three major research avenues: cancer therapy, sub-molecular charge distribution, and the design principles of catalytic activity and information transfer in membrane proteins. With collaborators at WIS, Steba-Biotech and negma-Lerads, he invented a new platform for the production of novel multiple reagents to be used in a