

Yoram. Cohen, M.D, Head of the fertility preservation research laboratory, Department of Obstetrics and Gynecology, Tel Hashomer, Israel. Dr. Cohen, now a senior lecturer in Tel Aviv University, has begun his academic career at Sackler Medical School, Tel Aviv University where he received his M.D. degree. Following completion of an Obstetrics and Gynecology residency, Dr. Cohen spent two years of postdoctoral fellowship at the Johns Hopkins University under the supervision of Professor David Sidransky. During this period he gained a profound knowledge in molecular biology concepts and techniques. Among other things, he contributed significantly to the discovery of the RAF serine/ threonine kinase BRAF as a principal oncogene in the development of papillary thyroid carcinoma and ovarian cancer. Dr. Cohen has had a long-term interest in genetic and epigenetic variations in human health and disease and how these variations can be applied for patient tailored treatment. Most recently, Dr. Cohen established the Fragile X Premutation Research and Treatment Center at the Sheba Medical Center, in order to bring together a winning multidisciplinary team for the care of Fragile X premutation carriers in Israel. His current research interests include studying the molecular mechanisms of ovarian toxicity leading to infertility and early menopause in Fragile X Associated Primary Ovarian Insufficiency.