



Prof. Dr. Belma Turan, PhD

(Ankara, Türkiye)

Dr. Belma Turan is currently a Professor and Head of the Biophysics Department at a private university, Lokman Hekim University, Ankara/Türkiye. She obtained her Ph.D. in Biophysics in 1982 from Ankara University, Faculty of Medicine, and became a full professor in 1993 in the same department. Following her official retirement from the state university, she continues her academic career in a private university with the affiliation of her previous department. Her research interest is basically in the field of Cardiovascular Sciences. She set up the first high-tech electrophysiology research laboratory at the cellular level in Turkey and supervised about 40 graduate students in the field of cardiac electrophysiology. Her main scientific interest started with focusing on the underlying mechanisms of diabetic cardiomyopathy including the role of oxidative stress and alterations in intracellular ion homeostasis in cardiomyocytes. She then continues to investigate the molecular mechanism of cardiovascular dysfunction in animal models associated with metabolic syndrome and insulin resistance. Currently, her studies are focused on the pathophysiology of physiological aging-associated heart diseases. She published international books and book chapters and research articles in high-impact journals. She worked as a visiting professor and researcher in France (INSERM) and Canada (Institute of Cardiovascular Sciences) several times in several periods. She developed a couple of international collaborative research projects and organized international workshops and symposiums. She is invited several times to several international congresses and scientific meetings in various countries. Currently, she is directing several research projects and graduate students in a graduate program of “interdisciplinary cellular and molecular medicine” at Lokman Hekim University.

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