

## **Prof. Dr. Pekcan Ungan's CV**

He graduated from the Faculty of Electrical and Electronics Engineering (Electronics and Communications Option) of Istanbul Technical University in 1965, and worked as an assistant in the Department of Telecommunications of the same faculty until 1970. In 1967 he enrolled in a one-year diploma program run by Phillips Int. Inst. Technological Studies, Eindhoven, on a scholarship from the government of the Netherlands. There, in Phillips Central Research Labs, he worked in a research project on *"Bandwidth Compression of Speech Sounds"*. After returning to Turkey and having completed the military service in NATO Infrastructure Office, Ankara, he enrolled in the graduate program of the Faculty of Health Sciences, Hacettepe University and concluded in 1974 his doctoral dissertation entitled *"A Systems Theoretical Analysis of Potentials Evoked in the Cat Auditory Cortex"*, and obtained a PhD degree in Biophysics. He then joined as a lecturer the Department of Biophysics, Medical Faculty of the same university, and obtained in 1979 an associate professorship there upon submitting a thesis entitled *"Electroencephalic Coherency Between the Visual Centers of the Cat Brain: Spontaneous Activity - Visual Evoked Potentials"*. In 1988 he was appointed as a full professor in the same department which was chaired by him from 1980 to his retirement from Hacettepe University near the end of 2008.

Prof. Ungan has directed and concluded eight research projects funded by TUBITAK (the Scientific and Technological Research Council of Turkey) as well as two others supported by Hacettepe University Research Funds. The results of these projects, in which the relationship between the electrical activity and functions of the brain was investigated, were published as 60 full articles (40 internationally, and 20 locally) and 2 book chapters. These publications were cited 559 times in various articles and books. He was awarded the TUBITAK Research Furthering Prize in 1981 and the Certificate of Successful Research of Hacettepe University Senate in 1991. He is an ad hoc reviewer for several periodicals such as *Acustica*, *Audiology&Neuro-otology*, *Brain Research*, *Clinical Neurophysiology*, *Hearing Research*, *Int. J. Neuroscience*, *J. Neuroscience Methods*, *J. Psychophysiology*. He has been invited to give lectures and seminar talks in various scientific activities in his area of interest covering the fields such as electrophysiology (in particular, EEG and evoked potentials of the brain), sensory systems (in particular, auditory system and sound localization), and analysis of biomedical signals. He has chaired the scientific committees of several National Congresses of the Turkish Biophysical Society.

Prof. Ungan is a member of the following organizations: International Brain Research Organization; Turkish Society for Clinical Neurophysiology and EEG-EMG (founding member of its Ankara branch); Turkish Biophysical Society (chairman, 1998-2006). In 1997, he was elected as a full member of TUBA (Turkish Academy of Sciences) and served in its various committees until June 2012. He is currently a member of the Science Academy Society.