



**Arzum Erdem** received Bachelor in Pharmacy from Ege University, Izmir, Turkey in 1993. She received the master degree in 1996 and PhD degree in 2000 in Department of Analytical Chemistry at the same university in Izmir. She has been working as a Full Professor at the Analytical Chemistry Department of the Faculty of Pharmacy in Ege University since 2009. Prof. Arzum Erdem was awarded by the **Turkish Academy of Sciences (TÜBA)** as the one of highly skilled young twenty Turkish scientists elected in 2001, and she also received "**TÜBİTAK-Juniour Science Award 2006**" and "**TÜBİTAK-Science Award 2015**" given by **The Scientific and Technological Research Council of Turkey (TÜBİTAK)**. She was elected as an associate member of TÜBA in 2007.

Prof. Arzum Erdem has authored or co-authored more than 110 papers in refereed journals and conference proceedings (h-index= 33). Prof. Arzum Erdem has initiated many national and international collaborative research on development of nanomaterials based electrochemical (bio)sensors for detection of drugs, toxins, proteins and nucleic acids (DNA/RNA) and their applications on interactions; aptamer-protein and drug-DNA.