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Dr. Cansaran-Duman received her bachelor's degree in Biology from Ankara University's Faculty of Science in 1999. Between 1999 and 2007, she earned her master's degree and a doctorate at Ankara University's Institute of Science, Department of Biology. She worked in the TITCK (Turkish Medicines and Medical Devices Agency) department of Analysis and Control Laboratories from 2007 to 2012. She worked as a researcher visitor at Michigan State University in 2017. She received the title of Associate Professor in 2012 and Professor in 2021 at Ankara University's Institute of Biotechnology. Her research focuses on cancer biology, particularly the anticancer effect of small molecules as novel drug candidate molecules and the therapeutic effect of microRNA. She also focuses on determining the differentiation of the biological originated drug candidate molecules in mRNA, miRNA, and proteome level.