Phone: 312 305 2559

E-mail: nakarsu@hacettepe.edu.tr

Dr. Akarsu graduated from Ankara University Medical Faculty (1984) and received her PhD in Medical Biology and Genetics from Ankara University (1994). She completed her two years postdocdoral training in the Surgical Research Center, University of Connecticut Health Center (UCONN) where she identified synpolydactyly and congenital glaucoma genes. Her interest focuses on the identification of new disease genes. In 1996, she moved to Hacettepe University and established the first systematic gene mapping facility of Türkiye. In 2008, she became a professor in Medical Genetics. Since 2022, she has been the Head of the Department of Medical Genetics.

Dr. Akarsu has been dealing with unsolved cases in the field of genetics for more than 25 years. She has pioneered the discovery of 18 disease genes by using cutting-edge genomic technologies and bioinformatics. Currently, she pursues to explore genetic basis of unsolved rare craniofacial malformations and bone marrow failure syndromes. Her research team's effort is supported by European Research Networking Projects such as Cranirare, EuroDba and RiboEurope. Her work is often published in leading medical and scientific journals such as Nature, Nature Genetics, Blood, PNAS, American Journal of Human Genetics. She worked as a board member of European Society of Human Genetics (ESHG) (2004-2009) and a member of Professional Public Committee of ESHG (2009-2011). She is an active member of TÜSEB Genomic Science Committee. Her accomplishments have been rewarded by Turkey Journalists' Asociation 35th Sedat Simavi Health Award (2011) and Hacettepe University Science Award (2016).