



Tijen Tanyalcin MD.PhD
Tanyalcin Medical Laboratory (TML)
Selective Screening and Metabolism Unit

Turkey

Tijen currently operates TML in Izmir, Turkey (www.tanyalcin.com) since 2005 as a small medium enterprise (SME), diagnostic businesses active in the field of selective screening for inborn errors of metabolism and is supported by an extensive and active network of > 1500 referring metabolic pediatricians, neuro-pediatricians and neonatologists, geographically covering most of the Turkish territory. The laboratory also has active scientific and service collaborations with other metabolic labs in Belgium, UK, USA and Taiwan since 2007, operating in inter-national and inter-continental diagnostic and scientific frameworks. From 2004-2020, the lab selectively analyzed 52,316 sick children, leading to the identification of 4,047 inborn errors (positive identification rate of 10,2%).

Tijen Tanyalcin graduated in 1986 as medical doctor, her residency in Clinical Biochemistry in 1991. PhD degree in 1994, with original studies on subcellular fractionation of lysosomal, peroxisomal and mitochondrial enzyme systems, leading to an appointment as associate professor in biochemistry in 1995, and full professor in 2003. Between 1991-2004, she obtained 2 postdoctoral fellowships and 4 FEBS grants to support metabolic-diagnostic research projects. In 2007, she retired from Ege University to start up her own private laboratory focused on the diagnosis of inborn errors of metabolism in Turkish patients.