

## Short CV

Dr. Turan received his medical degree from Istanbul University Istanbul Medical School. He completed his Obstetrics and Gynecology training and also got his Ph.D. degree in Molecular Medicine in Istanbul. Furthermore, he worked as an endoscopic pelvic surgeon in Istanbul before moving to London, UK. Dr. Turan completed another fellowship under the supervision of Prof. Kypros Nicolaides about Fetal Medicine at Harris Birthright Research Center at King's College Hospital, London, UK. Subsequently, he joined the Division of Maternal and Fetal Medicine at Yale University, CT, USA, where he worked on predicting preterm birth and developed 3D and 2D ultrasound methods that measure the fetal adrenal gland to indicate preterm labor. After that, he repeated his residency and fellowship training at the University of Maryland and joined the Department of Obstetrics, Gynecology, and Reproductive Sciences as a faculty member.

Currently, Dr. Turan is an Endowed Professor "*M. Carlyle Crenshaw, Jr., MD and Lillian Blackmon, MD Professorship in Maternal Fetal Medicine*" of Obstetrics, Gynecology, and Reproductive Sciences in the University of Maryland School of Medicine, serving as the Executive Vice Chair of the Department of Obstetrics, Gynecology and Reproductive Sciences and the Chief of the Maternal Fetal Medicine Division. He is also the Director of the Fetal Therapy and Complex Obstetric Surgery Programs at the University of Maryland Medical Center. In addition, Dr. Turan has been serving on multiple committees at the School of Medicine,

Dr. Turan has been active in multidisciplinary and multi-institutional research projects, a primary investigator on multiple grant-funded projects. His research has focused on the placenta. He developed a novel in-vivo imaging method for spiral arteries to assess the function of the placenta. He has advanced training and experience in fetal interventions and complex maternal surgeries. Dr. Turan developed a novel surgical technique to reduce blood loss during cesarean hysterectomies in placenta accreta spectrum disorder.

He has published over 120 peer-reviewed manuscripts and six books/chapters. In addition, he has been involved in the peer review process for the most prestigious journals in his field (American Journal of Obstetrics and Gynecology, Ultrasound in Obstetrics and Gynecology, etc.). In addition, he was named a "Top Doctor" by the local Baltimore Monthly magazine numerous times in recent years.