

AMGEN[®] Biotech Experience

Scientific Discovery for the Classroom

Italy



Mimmo Turano

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Prof Mimmo Turano has obtained the degree in Biological Sciences at the University of Naples Federico II in 1995 and the Specialization in "Biochemistry and Clinical Chemistry" with full marks and price at the same University in 2002. From 2006 to 2021, he appointed researcher at the Department of Biology of the University of Naples Federico II where is currently associate professor of genetics and teaches Neurogenetics and Forensic Genetics.

He is a member of the Italian Genetic Association and author of 41 publications in peer reviewed journals with 1248 citations and h-index 21. At the beginning of his research activity, Prof Turano focused the attention on the study of the functional role of the protein frataxin in the pathogenesis of the hereditary neurodegenerative disease known as "Friedreich's ataxia". After, his interest moved to the study of the role of the HEXIM1 protein in the inhibition of the transcription elongation factor P-TEFb. Currently, Prof Turano is involved in a project aimed to the molecular and functional characterization of the human gene DKC1, responsible for the hereditary pathology known as "X-linked dyskeratosis congenita". Furthermore, with his research group he is engaged in understanding the molecular mechanisms underlying colorectal cancer.

From 2015 to present, he is Director of the Specialization Course in Diagnostics and Forensic Genetics, at the Department of Biology of the University of Naples Federico II. Prof Turano is also responsible for the operating procedure "Determination of the individual human genetic profile from biological sources" of the "Laboratory of molecular identification and traceability" for his Department, and has been Technical Consultant in several criminal trials.

Prof Turano has a consolidated experience as referent for the Orientation Committee for the degree courses of Biology Department. In this framework, he was involved in many events aimed to widespread the academic teaching offer to high school students.

Since 2017, Prof Turano is actively involved in the Amgen Biotech Experience ABE program as a trainer and science communicator.