

Fundamental Research

Scientific Committee: Medical Sciences

Research Work Title

Treatment of Hypertension: Past, Present and Future



Researcher

Prof. Giuseppe MANCIA

Field

Clinical Medicine

Country

Italy

Scientific Affiliation

University of Milano-Bicocca, Milan, Italy

Abstract

Professor Giuseppe MANCIA's research focuses on several areas of internal medicine, in particular on hypertension and cardiovascular diseases. His original contributions, to cite a few, range from the first description of the cardiovascular changes during REM sleep and emotional behaviors (experimental animals) to the control of the cardiovascular reflexes from the heart and lungs, description and quantification of blood pressure variability in human health and diseases throughout the day and night, control of the cardiovascular reflexes and human hypertension, clinical and prognostic value of nighttime blood pressure and white-coat and masked hypertension. Prof. MANCIA has also made the first observations on a visit-to-visit (long term) blood pressure variability as well as the daily assessment of the cardiovascular reflexes (being used in space expeditions) and provided an evidence of a sympathetic hyperactivity in a variety of cardiovascular abnormalities. Prof. MANCIA published some of his first observations in the area of Covid-19 infections such as the absence of adverse effects of antihypertensive drugs and the predictability of progression to severe or lethal forms in New England Journal of Medicine.

Biography

Professor Giuseppe MANCIA is at present an emeritus professor of Medicine at the University of Milano-Bicocca. He is also the president of the Foundation of the European Society of Hypertension. From 1985 to 2012, he has been the professor of Internal Medicine and the Head of the University and Hospital (San Gerardo) Department of Medicine of the University of Milano and Milano-Bicocca. Prof. MANCIA has served as the President of the International, European and Italian Societies of Hypertension, the European Society of Clinical Investigation and the Working Group on Hypertension and Heart of the European Society of Cardiology. He has received many awards, degrees and honorary doctorates and is an honorary member of many scientific societies on hypertension, cardiovascular diseases and internal medicine. Prof. MANCIA has chaired the Committee for the European Hypertension Guidelines since its first formulation in 2003. He has received the title of the Commander of the Order of the Italian Republic in 2014 and is a member of the European Academy of Sciences.

He authored and edited about thirty books on hypertension and cardiovascular diseases. Prof. MANCIA has been the deputy and chief editor of the Journal of Hypertension for more than 25 years and published more than 2400 original papers, reviews, debates or editorials in peer-review Journals.