



**Prof. Lighezan Daniel, MD, PhD, Dr Hab**  
(Timisoara, Romania)

Dr. Lighezan Daniel MD, PhD is a cardiology and internal medicine senior consultant and Professor at Internal Medicine Department at the University of Medicine and Pharmacy “Victor Babes” of Timisoara, Romania. He is currently vicerector at the mentioned university, Director of the Advanced Cardiology and Hemostaseology Research Center and member of Romanian Academy of Medical Sciences.

He is a Board-member of the Romanian Society of Cardiology, as well as a Member of the European Society of Cardiology, Fellow of the European Society of Cardiology, Gold-member of the European Heart Failure Association, past-governor of the "International Society of Cardiovascular Pharmacotherapy".

During the 1993-1996 and 1999 specialization and research scholarship, he was part of the research team of the Cardiology Clinic of the University of Heidelberg, Germany, where he participated and performed experimental cellular studies in vitro as well as in vivo studies: determination of action potentials under different antiarrhythmic drugs, the sterile pericarditis model for the analysis of atrial fibrillation in the canine model, three-dimensional intracardiac mapping for the study of "torsades des pointes" arrhythmia, the effect of different antiarrhythmic drugs in ventricular tachycardia in the canine model, the therapy of arrhythmias, especially atrial fibrillation through implantable internal defibrillation).

He also holds an Innovator certificate for the innovation with the title: Method of processing electrical signals collected by Doppler ultrasonography and patent: Electronic device for measuring and displaying cerebral electrical signals with digital filtering.

Dr Lighezan primary research interests in the field of cardiology materialized through the publication of more than 120 articles in volumes of summaries and in extenso as first and co-author in national and international specialized journals, co-author of specialized books and courses, participation in National and International Congresses. He participated at more than 15 international clinical trials in the area of heart cardiovascular disease as principal investigator.