

Danina Muntean, MD, PhD, PharmD is currently Professor of Pathophysiology at the "Victor Babeș" University of Medicine and Pharmacy, in Timișoara, Romania. Her professional career is dedicated to basic cardiovascular research. The main interests and scientific works are related to cardioprotective strategies against ischemia/reperfusion injury - with emphasis on mitochondria as major effectors and targets of protection, and to endothelial dysfunction - in particular, novel sources of vascular oxidative stress. Recently, the effects of phyto-bioactive compounds on mitochondria in pathological settings, including carcinogenesis have also been addressed.

She graduated the Faculty of Medicine of the University of Medicine and Pharmacy in Timișoara in 1989 with emeritus diploma and became specialist in Internal Medicine in 1994. In 2001 she also graduated the Faculty of Pharmacy. She defended her PhD thesis in 2002 in the field of cardioprotection elicited by ischemic preconditioning and was granted a one-year postdoc position in 2003 in the INSERM Unit 0226 *Cardioprotection* within the "Claude Bernard" University of Lyon, France (Prof. Dr. Michel Ovize). She was appointed Professor of Pathophysiology in 2007 and PhD coordinator since 2008.

Currently she is the Head of Pathophysiology Department and Director of Center for Translational Research and Systems Medicine at the "Victor Babeș" University of Medicine and Pharmacy of Timișoara, Romania. She is the recipient of several national and international research grants that allowed her to build up in Romania the first Laboratory for Mitochondria Research.

Since 2012 she serves as general secretary of the Romanian Society of Pathophysiology. In 2014 she was appointed vicepresident of the International Academy of Cardiovascular Sciences - European Section. She serves as expert referee for national funding agencies (since 2005) and international funding agencies (since 2011) and is a permanent expert of the Romanian Agency for Quality Assurance in Higher Education - Committee for Medical Sciences (since 2011). In the past years, Dr. Muntean organized as chairman or co-chairman several national and international meetings, participated as representative in the management committee for RO in 5 COST actions and also, attended as lecturer national and international summers schools. She authored and co-authored more than 50 papers in peer-reviewed journals as well as more than 20 books in the field of Pathophysiology and cardiovascular research. Also, she regularly presents at national and international meetings and serves as reviewer for several national and international journals.