



### **Prof. Mariana G. Rosca, MD**

Professor Mariana G. Rosca graduated the University of Medicine and Pharmacy „Grigore T. Popa” in Iasi, Romania and was Assistant Professor of Pathophysiology in the same university for 10 years. She joined the Case Western Reserve University Department of Internal Medicine-Nephrology (Cleveland, Ohio, USA) as a Fulbright fellow in 2000. Two years later she became a postdoctoral fellow at the Juvenile Diabetes Research Foundation and served as an investigator in the Center for Inherited Disorders of Energy Metabolism at Case Western Reserve University/University Hospitals. In 2014 Dr. Rosca joined the Central Michigan University College of Medicine where she became a Professor of Physiology with tenure and has been serving as the Chair of the Foundational Sciences Discipline since 2021. Dr. Rosca’s research focus has been on cellular bioenergetics and the role of mitochondrial metabolism in the development and progression of chronic diseases including diabetic cardiomyopathy, heart failure and diabetic retinopathy. Her research has been funded by Mitochondrial Disease Foundation, American Heart Association and, currently by the National Institutes of Health for a project on mitochondrial redox state regulated by nicotinamide nucleotide transhydrogenase and its role in metabolic heart disease. Dr. Rosca is a manuscript reviewer and a grant reviewer for national and international foundations and National Institutes of Health, a medical educator, and the Director of the Renal Endocrine Course. In 2022 she was awarded the title of Visiting Professor at ”Victor Babeş” University of Medicine and Pharmacy from Timisoara, Romania.