

Eduardo Chini, MD, PhD



Dr. Eduardo Chini is a Professor of Pharmacology and Anesthesiology and the Co-director of the Mayo Clinic Mitochondrial Care Center at the Mayo Clinic College of Medicine in Rochester, Minnesota. Dr. Chini's research focuses on the fields of metabolism, nutrition, obesity, pharmacology, cancer and aging, and kidney disease.

In particular, Dr. Chini is interested in nicotinamide adenine dinucleotide (NAD) metabolism and functions. He and his colleagues are exploring the nonoxidative and oxidative roles of NAD (as a signaling molecule and energy coin in cells). Dr. Chini's laboratory has done seminal work on NAD catabolism, including the description of the main enzyme responsible for the degradation of this molecule in mammalian tissues. Dr. Chini has published over 150 manuscripts in the field.

The ultimate goal of Dr. Chini's research is to provide new avenues for the development of novel and effective pharmacological therapeutic approaches for human diseases such as obesity, metabolic syndrome, aging-related disease and kidney disease, and their complications.