

Costantino Iadecola, MD.

Plenary Keynote Speaker of ISNVD'2020. Director and Chair of the Feil Family Brain and Mind Research Institute and the Anne Parrish Titzell Professor of Neurology at Weill Cornell Medicine.

Dr. Iadecola's research focuses on the basic mechanisms of neurovascular function and on the cellular and molecular alterations underlying ischemic brain injury, neurodegeneration and other conditions associated with cognitive impairment. A pioneer in establishing the concept of neurovascular unit, Dr. Iadecola has championed the involvement of neurovascular dysfunction in neurodegenerative diseases, and the role of innate immunity and the microbiome in ischemic brain injury. He has published over 350 papers in peer-reviewed journals and plays a leadership role in research organizations and funding agencies in the US and abroad. He has been involved, as editor or editorial board member, in several journals including *Circulation*, *PNAS*, *Stroke*, *Hypertension*, *the Journal of Neuroscience*, and *the Annals of Neurology*. Dr. Iadecola has received the McHenry Award from the American Academy of Neurology, two Jacob Javits Awards from the National Institutes of Health, the Willis Award - the highest honor in stroke research bestowed by the American Heart Association (AHA), the Zenith Fellow Award from the Alzheimer's Association, the Excellence Award in Hypertension Research (Novartis) from the Hypertension Council of the AHA, and the Chancellor's Award in Neuroscience from Louisiana State University. In 2015, he was elected to the Association of American Physicians. In 2019, Clarivate Analytics (Web of Science) listed Dr. Iadecola as one of world's "Highly Cited Researchers" for ranking in the top one percent of the most-cited authors in the field of neuroscience and behavioral sciences. In 2019, Dr. Iadecola was elected Distinguished Scientist of the AHA.