

Pal Pacher received his M.D. and Ph.D. (summa cum laude) at the Semmelweis University in 1993 and 2001, where he worked at Department of Pharmacology until 1999. Currently he is tenured investigator at National Institutes of Health (NIH), USA, Head of Laboratory of Cardiovascular Physiology and Tissue Injury at National Institute on Alcohol Abuse and Alcoholism. He is also honorary Professor of Anesthesiology at University of Texas Medical Branch, elected Fellow of The Cardiovascular Section of the American Physiological Society, The American Heart Association, and The American College of Cardiology.

His work over the past decades resulted in discovery of novel drug candidates targeting inflammation and cell death, which are in clinical development (some were recently highlighted in a Nature Medicine interview). He also contributed to the development of the sophisticated pressure-volume conductance catheter system, which became gold standard in hemodynamic measurements in animal models.

He published numerous publications in leading medical periodicals, have been included in "The World's Most Influential Scientific Minds", list of Highly Cited 2014 researchers in Pharmacology & Toxicology (based on number of highly cited papers during the past decade) and also Highly Cited 2015 (based on the total citations of highly cited papers). He is listed in top 1% cited investigators in Clinical Medicine, Biology and Biochemistry fields, and among the top 50-100 most highly cited researchers in the World in Pharmacology & Toxicology field since 2010 with H index of 86, and IF over 1800.

He is recipient of numerous international research awards, reviewer for over 20 International granting agencies including NIH, Department of Defense, all major European granting agencies, and Hungarian Research Council: special consortium executive grant review committee: "Nagyosszegu OTKA": 2008, 2009, 2012, 2013, 2014, and Momentum 2012 of Hungarian Academy of Sciences. He was also elected Honorary Member of the Hungarian Society for Experimental and Clinical Pharmacology in 2012.

He also kept very close relationship with his alma mater, Semmelweis University. He is unpaid volunteer, Scientific Advisor for the Department of Pharmacology and Pharmacotherapy since 2012 and have been collaborating with multiple Institutes at Semmelweis (Pharmacology, Pathophysiology, Heart and Vascular Center). His lab have been hosting and training young talented physician-scientist from these Institutes and other Hungarian Universities. In 2015 he signed the first individual graduate partnership agreement between Semmelweis University and NIH Graduate School.