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Dr. Istvan Baczko is Professor and Head of the Department of Pharmacology and Pharmacotherapy, at the Albert Szent-Györgyi Medical School from the University of Szeged, Hungary. He has worked in the field of basic cardiovascular research for more than 28 years at the University of Szeged, Hungary, and spent 5 years as a postdoctoral fellow at the University of Alberta, Edmonton, and University of Calgary, Canada.

His research interests include cardiac cellular electrophysiology with special attention to repolarization and repolarization reserve, atrial fibrillation, sudden cardiac death, electrophysiology of the athlete's heart, electrical remodeling of the heart in pathological settings, including heart failure and hypertrophic cardiomyopathy.

He has published more than 100 papers in these fields with an H-index of 31 and with a cumulative impact factor of 577. He is currently working on proarrhythmia animal models with improved translational value and on animal models which mimic the athlete heart to elucidate arrhythmogenic cardiac remodeling due to endurance exercise.

He is a Fellow of IACS and the leader of the Translational Cardiovascular Research Working Group of the Hungarian Society of Cardiology as well as the secretary of the Experimental Pharmacology Section of the Hungarian Society for Experimental and Clinical Pharmacology.

He also serves as General Secretary of the International Academy of Cardiovascular Sciences - European Section.