The Robert M. Berne Cardiovascular Research Center Presents

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Dynamic Activation of Nox1 by TSP1-CD47 Signaling in Vascular Disease

Dr. Csanyi earned his MPharm from the University of Szeged, Hungary in 2003 followed by a Ph.D. from the same institution in 2008. As a recipient of the Jozef Dietl Academic Scholarship and Queen Jadwiga Fund, he also studied at the Jagiellonian University Medical College, Krakow, Poland. Under the mentorship of Dr. Patrick J. Pagano at the University of Pittsburgh, and funded by an American Heart Association Great Rivers Affiliate Postdoctoral Fellowship, he demonstrated that the matricellular protein thrombospondin-1 (TSP1) is a rapid and robust activator of vascular NADPH oxidase (Nox) and an important regulator of nitric oxide-mediated vasodilatation. Dr. Csanyi was recently awarded the NIH Pathway to Independence Award (K99/R00). A major focus of Dr. Csanyi’s current research is how TSP1 acts as a proximate promoter of macrophage and vascular parenchymal Nox and its role in the development of vascular disease.

Thursday, April 24, 2014
11:00 AM-12:00 PM
MR5 1005

Host: Dr. Brant Isakson

Refreshments Served