

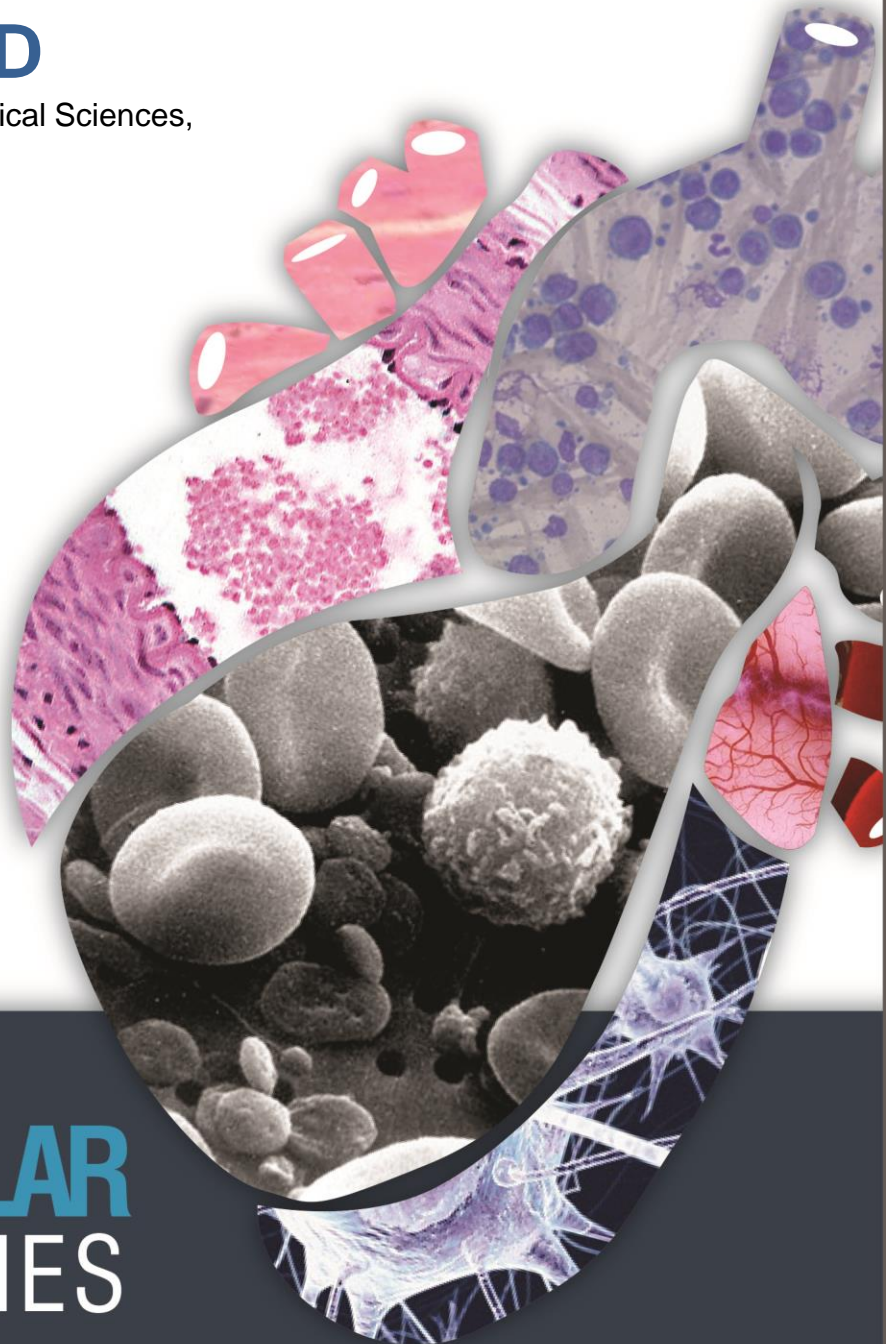
# *Mitochondria regulate arterial L-type calcium channels*

Wednesday, 4/8/15 – 1:00-2:00pm – Room W205, Anatomy/Zoology Building

## **Greg Amberg, PhD**

Associate Professor, Department of Biomedical Sciences,  
Colorado State University

Dr. Amberg received his PharmD from Idaho State University and his PhD in Cell and Molecular Pharmacology and Physiology from the University of Nevada, Reno. He has been a faculty member in the department of Biomedical Sciences at CSU since 2007. His research involves the study of ion channels in cerebral arterial smooth muscle and their impact on arterial function. He is interested in changes in ion channel behavior during pathophysiological conditions such as hypertension. The focus of his current research is investigating highly localized calcium signals produced by calcium channels (called “calcium sparklets”) located in the plasma membrane. Experimental approaches used include patch-clamp electrophysiology, pressurized intact arteries, and calcium imaging techniques.



## **CARDIOVASCULAR SEMINAR SERIES**

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