

**Andrew P. Braun, Ph.D.**

**Present Position:** Full Professor, Dept. of Physiology and Pharmacology, University of Calgary, Canada

**Education:** B.Sc. in Physiology, University of Saskatchewan, Canada (1983); Ph.D. University of Saskatchewan, Canada (1988).

**Current Research Funding:** Open operating grant scheme, Canadian Institutes of Health Research, 2015-2020; Project grant scheme, Canadian Institutes of Health Research, 2018-2022; Discovery grant, Natural Sciences and Engineering Research Council of Canada, 2017-2022.

**Editorial Boards:** Associate Editor: Frontiers in Vascular Physiology (2010 to present); Editorial Board: Channels (2008 to present)

**Grant Review:** Canadian Institutes of Health Research, Cardiovascular Sciences panel A (2010-2015) and Post-doctoral Fellowship panel (2005-2008), Heart and Stroke Foundation of Canada Committee IVb and V (2001-2003, 2006, 2009, 2010, 2015), Manitoba Health Research Council (2011-2013)

Ad-Hoc Reviewer: Natural Sciences and Engineering Research Council of Canada, Wellcome Trust, National Science Foundation, Austrian Research Promotion Agency.

**Peer Review:** Am J Physiol (Heart&Circul and Cell Physiol), Basic Clin Pharmacol, Biochem Pharmacol, Biochim Biophys Acta, Br J Pharmacol, Can J Physiol Pharmacol, Channels, Cell Mol Biol Lett, Circ Res, Exp Physiol, Expert Opin Therap Targets, Front Physiol, Histochem Cell Biol, J Biol Chem, J Cardiac Electrophys, J Neurophysiol, J Pharmacol Exp Therap, J Physiol (Lond.), Life Sciences, Microcirculation, Mol Pharmacol, Trends Neurosci

**Professional Societies:** American Physiological Society, member since 2004, Biophysical Society, member since 1993, Canadian Physiological Society, member since 2000, Microcirculatory Society, member since 2009

**Professional Activities:** Organizing committee, Canada-China Symposium of ATVB 2016, Calgary, Alberta, August, 2016; Organizing committee, International Society for Resistance Arteries scientific congress, Banff, Alberta, Sept 2014; Member, Trainee Committee, Cardiovascular Section, American Physiological Society, 2009 - 2012

**Current Research Interests:** Regulation of vascular tone, Endothelial and vascular smooth muscle functions, Ion channel physiology, Calcium signaling

**Personal Statement:** As a cardiovascular ion channel biologist, the Microcirculatory Society has provided me with an ideal scientific environment to pursue my cell signaling interests in the context of the vascular wall. Since joining the Society in 2009, I have been largely impressed with the quantitative and detailed work carried out by members of the Society, and the Society's encouragement and promotion of advanced technologies, such as imaging, network analyses and integrated biology, into the scientific thinking of its members. The Microcirculatory Society has become the premier organization for the study of the microvasculature, and as a council member, I will help the Society maintain and grow its international reputation and relationships with its sister societies. I also strongly believe in the importance of fostering the young, emerging scientists within our midst, and providing strong, effective mentorship to this group. This cohort represents a valuable resource in the Society, and engaging them in constructive activities during their career development will drive not only their success, but also the success of the Society. I have benefited tremendously from the collaborative and welcoming atmosphere of the Society, and am committed to furthering its scientific mandate and career development support of new and established members. Finally, I will also use my experience and perspective as a long-time member of the APS and Biophysical Society to support the initiatives and activities of the Microcirculatory Society.