Donald G Welsh, PhD

Present Position: Associate Professor, Department of Physiology & Pharmacology, Hotchkiss Brain Institute, Libin Cardiovascular Institute, Faculty of Medicine, University of Calgary, Alberta, Canada.

Education: PhD (1994) in Biophysics, University of Guelph, Ontario; MPE (1988), University of British Columbia; BPE (1986) University of Calgary.

Professional Societies: Microcirculatory Society (1995-present); American Physiological Society (1995-present); Biophysical Society (1999-present); Canadian Hypertension Society (2004-present); Canadian Physiological Society (2009-present).

Funding: Canadian Institutes for Health Research (CIHR; 2001-2013) Operating Grants; National Science & Engineering Research Council (NSERC; 2006-2011) Discovery Grant; Hearth and Stroke Foundation of Canada (HSFC Alberta/NWT/NT; 2001-2011) Grant-in-aid of Research; Alberta Heritage Foundation for Medical Research (Equipment; 2008); Alberta Heritage Foundation for Medical Research - Equipment & Establishment (2001-2003); Alberta Heritage Foundation for Medical Research - Salary and Research Supplement (2001-2011); University of Calgary (Establishment; 2002-2003).

Grant Review: Member, Canadian Institutes for Health Research (CIHR; 2009-2012); Member and Chair, Natural Sciences and Engineering Research Council (NSERC; 2005-2009); Member, Heart and Stroke Foundation of Canada (HSFC; 2002-2005); Ad Hoc External, Kidney Foundation of Canada(AFC; 2007-2008); Ad Hoc External, Michael Smith Foundation (2006-present); Ad Hoc External, Canada Research Chair (2006); Ad Hoc External, Manitoba Health Research Foundation (2005); Ad Hoc External, Wellcome Trust (2005-present); Ad Hoc External, Canadian Diabetes Association (2004); Ad Hoc External, Heart and Stroke Foundation of Canada (2002-present); Ad Hoc External, Canadian Institute of Health Research (2002-present); Ad Hoc External, Canadian Foundation for Innovation (2005-present).

Peer Review: Microcirculation Editorial Board Member (2004-present); Canadian Journal of Physiology & Pharmacology (2005-present); Journal of Cellular Physiology (2004-present); Journal of Applied Physiology (2004-present); British Journal of Pharmacology (2003-present); Microcirculation (2002-present); Circulation Research (2001-present); Journal of Physiology (2001-present); American Journal of Physiology (1998-present).

Current Research Interest: I have a strong interest in how ion channels, gap junctions and cellular structure control the spread of electrical information in micro-vessels.

Personal Statement: I have been a member of the Microcirculatory Society since 1995. I have served on the Microcirculatory Society Program Committee from 2001-2004 and 2008-present. I have also served on the editorial board of “Microcirculation” since 2002 and in 2009 advanced to the position of associate editor. As an elected councillor, I would like to invigorate the Microcirculatory Society by increasing the number of senior level trainees and early career faculty that populate our service committees.