**Chapter 7 References**

Al Dera, H., Habgood, M. D., Furness, J. B., and Brock, J. A. (2012) Prominent contribution of L-type Ca2+ channels to cutaneous neurovascular transmission that is revealed after spinal cord injury augments vasoconstriction. *American Journal of Physiology. Heart and Circulatory Physiology* **302**, H752-762

Bao, J. X., Gonon, F., and Stjarne, L. (1993) Frequency- and train length-dependent variation in the roles of postjunctional alpha 1- and alpha 2-adrenoceptors for the field stimulation-induced neurogenic contraction of rat tail artery. *Naunyn Schmiedebergs Arch Pharmacol* **347**, 601-616

Baron, R., Jänig, W., and Kollmann, W. (1988) Sympathetic and afferent somata projecting in hindlimb nerves and the anatomical organization of the lumbar sympathetic nervous system of the rat. *J Comp Neurol.* **275**, 460-468

Belmonte, C., and Cervero, F. (eds.)(1996) *Neurobiology of Nociception*, Oxford University Press, Oxford New York Tokyo

Bolter, C. P., Wallace, D. J., and Hirst, G. D. (2001) Failure of Ba2+ and Cs+ to block the effects of vagal nerve stimulation in sinoatrial node cells of the guinea-pig heart. *Auton.Neurosci* **94**, 93-101

Bramich, N. J., Edwards, F. R., and Hirst, G. D. (1990) Sympathetic nerve stimulation and applied transmitters on the sinus venosus of the toad. *J Physiol* **429**, 349-375

Bramich, N. J., Brock, J. A., Edwards, F. R., and Hirst, G. D. (1993) Responses to sympathetic nerve stimulation of the sinus venosus of the toad. *J Physiol* **461**, 403-430

Bramich, N. J., Cousins, H. M., Edwards, F. R., and Hirst, G. D. (2001) Parallel metabotropic pathways in the heart of the toad, Bufo marinus. *Am.J Physiol Heart Circ.Physiol* **281**, H1771-H1777

Brock, J. A., and Cunnane, T. C. (1988) Electrical activity at the sympathetic neuroeffector junction in the guinea-pig vas deferens. *J Physiol* **399**, 607-632

Brock, J. A., and Cunnane, T. C. (1992) Impulse conduction in sympathetic nerve terminals in the guinea-pig vas deferens and the role of the pelvic ganglia. *Neuroscience* **47**, 185-196

Brock, J. A., and Cunnane, T. C. (1993) Neurotransmitter release mechanisms at the sympathetic neuroeffector junction. *Exp.Physiol* **78**, 591-614

Brock, J. A., and van Helden, D. F. (1995) Enhanced excitatory junction potentials in mesenteric arteries from spontaneously hypertensive rats. *Pflügers Arch* **430**, 901-908

Brock, J. A., McLachlan, E. M., Jobling, P., and Lewis, R. J. (1995) Electrical activity in rat tail artery during asynchronous activation of postganglionic nerve terminals by ciguatoxin-1. *British Journal of Pharmacology* **116**, 2213-2220

Brock, J. A., McLachlan, E. M., and Rayner, S. E. (1997) Contribution of alpha-adrenoceptors to depolarization and contraction evoked by continuous asynchronous sympathetic nerve activity in rat tail artery. *Br.J.Pharmacol.* **120**, 1513-1521

Burns, A. J., Lomax, A. E., Torihashi, S., Sanders, K. M., and Ward, S. M. (1996) Interstitial cells of Cajal mediate inhibitory neurotransmission in the stomach. *Proc.Natl.Acad.Sci.U.S.A* **93**, 12008-12013

Campbell, G. D., Edwards, F. R., Hirst, G. D. S., and O'Shea, J. E. (1989) Effects of vagal stimulation and applied acetylcholine on pacemaker potentials in the guinea-pig heart. *J Physiol* **415**, 57-68

Cassell, J. F., McLachlan, E. M., and Sittiracha, T. (1988) The effect of temperature on neuromuscular transmission in the main caudal artery of the rat. *J Physiol* **397**, 31-49

Choate, J. K., Edwards, F. R., Hirst, G. D., and O'Shea, J. E. (1993a) Effects of sympathetic nerve stimulation on the sino-atrial node of the guinea-pig. *J.Physiol.* **471**, 707-727

Choate, J. K., Klemm, M., and Hirst, G. D. S. (1993b) Sympathetic and parasymphatetic neuromuscular junctions in the guinea-pig sino-atrail node. *J.Auton.Nerv.Syst.* **44**, 1-15

Coderre, T. J., Basbaum, A. I., and Levine, J. D. (1989) Neural control of vascular permeability: interaction between primary afferents, mast cells, and sympathetic efferents. *J.Neurophysiol.* **62**, 48-58

Cousins, H. M., Edwards, F. R., Hirst, G. D., and Wendt, I. R. (1993) Cholinergic neuromuscular transmission in the longitudinal muscle of the guinea-pig ileum. *J. Physiol.* **471**, 61-86

Cousins, H. M., Edwards, F. R., and Hirst, G. D. (1995) Neuronally released and applied acetylcholine on the longitudinal muscle of the guinea-pig ileum. *Neurosci.* **65**, 193-207

Cunnane, T. C., and Stjärne, L. (1982) Secretion of transmitter from individual varicosities of guinea-pig and mouse vas deferens: all-or-none and extremely intermittent. *Neuroscience* **7**, 2565-2576

Davis, M. J., and Hill, M. A. (1999) Signaling mechanisms underlying the vascular myogenic response. *Physiol Rev* **79**, 387-423

De Groat, W. C. (2013) Neural control of the urinary bladder. In *Autonomic Failure* 5th edition (Mathias, C. J., and Bannister, R., eds) pp. 108-118, Oxford University Press, New York Oxford

De Groat, W. C., and Booth, A. M. (1993) Pain arising from the urogenital tract. In *The Autonomic Nervous System* (Burnstock, G., ed) Vol. 2 pp. 467-524, Harwood Academic Publishers, Chur Switzerland

Demir, S. S., Clark, J. W., and Giles, W. R. (1999) Parasympathetic modulation of sinoatrial node pacemaker activity in rabbit heart: a unifying model. *Am.J.Physiol.* **276**, H2221-H2244

Dunn, W. R., Brock, J. A., and Hardy, T. A. (1999) Electrochemical and electrophysiological characterization of neurotransmitter release from sympathetic nerves supplying rat mesenteric arteries. *Br.J Pharmacol* **128**, 174-180

Edwards, F. R., Bramich, N. J., and Hirst, G. D. (1993) Analysis of the effects of vagal stimulation on the sinus venous of the toad. *Philos.Trans.R.Soc.Lond B Biol.Sci* **341**, 149-162

Evans, R. J., and Cunnane, T. C. (1992) Relative contributions of ATP and noradrenaline to the nerve evoked contraction of the rabbit jejunal artery. Dependence on stimulation parameters. *Naunyn Schmiedebergs Arch.Pharmacol.* **345**, 424-430

Evans, R. J., and Surprenant, A. (1992) Vasoconstriction of guinea-pig submucosal arterioles following sympathetic nerve stimulation is mediated by the release of ATP. *Br.J.Pharmacol.* **106**, 242-249

Flavahan, S., and Flavahan, N. A. (2020) Cooling-induced dilatation of cutaneous arteries is mediated by increased myoendothelial communication. *American Journal of Physiology. Heart and Circulatory Physiology* **319**, H123-H132

Folkow, B. (2000) Perspectives on the integrative function of the "sympatho-adrenomedullary system". *Auton.Neurosci.* **83**, 101-115

Folkow, B., and Neil, E. (1971) *Circulation*, Oxford University Press, New York

Folkow, B., and Nilsson, H. (1997) Transmitter release at adrenergic nerve endings: Total exocytosis or fractional release? *News Physiol.Sci.* **12**, 32-36

Furness, J. B., Morris, J. L., Gibbins, I. L., and Costa, M. (1989) Chemical coding of neurons and plurichemical transmission. *Annu.Rev.Pharmacol.Toxicol.* **29**, 289-306

Gibbins, I. L. (1994) Comparative anatomy and evolution of the autonomic nervous system. In *Comparative Physiology and Evolution of the Autonomic Nervous System* (Nilsson, S., and Holmgren, S., eds) pp. 1-67, Harwood Academic Publishers, Chur Switzerland

Gould, D. J., and Hill, C. E. (1996) Alpha-adrenoceptor activation of a chloride conductance in rat iris arterioles. *Am J Physiol* **271**, H2469-H2476

Green, P. G., Miao, F. J.-P., Jänig, W., and Levine, J. D. (1995) Negative feedback neuroendocrine control of the inflammatory response in rats. *J.Neurosci.* **15**, 4678-4686

Green, P. G., Jänig, W., and Levine, J. D. (1997) Negative feedback neuroendocrine control of inflammatory response in the rat is dependent on the sympathetic postganglionic neuron. *J.Neurosci.* **17**, 3234-3238

Häbler, H. J., Wasner, G., Bartsch, T., and Jänig, W. (1997a) Responses of rat postganglionic sympathetic vasoconstrictor neurons following blockade of nitric oxide synthesis in vivo. *Neurosci.* **77**, 899-909

Häbler, H. J., Wasner, G., and Jänig, W. (1997b) Interaction of sympathetic vasoconstriction and antidromic vasodilatation in the control of skin blood flow. *Exp.Brain Res.* **113**, 402-410

Häbler, H. J., Timmermann, L., Stegmann, J. U., and Jänig, W. (1999) Involvement of neurokinins in antidromic vasodilatation in hairy and hairless skin of the rat hindlimb. *Neuroscience* **89**, 1259-1268

Hargreaves, K. M., Roszkowski, M. T., and Swift, J. Q. (1993) Bradykinin and inflammatory pain. *Agents Actions Suppl.* **41**, 65-73

Hill, C. E., Klemm, M., Edwards, F. R., and Hirst, G. D. (1993) Sympathetic transmission to the dilator muscle of the rat iris. *J Auton.Nerv.Syst.* **45**, 107-123

Hill, C. E., Eade, J., and Sandow, S. L. (1999) Mechanisms underlying spontaneous rhythmical contractions in irideal arterioles of the rat. *J Physiol* **521**, 507-516

Hill, M. A., Zou, H., Potocnik, S. J., Meininger, G. A., and Davis, M. J. (2001) Invited review: arteriolar smooth muscle mechanotransduction: Ca(2+) signaling pathways underlying myogenic reactivity. *J Appl.Physiol* **91**, 973-983

Hirst, G. D., and Neild, T. O. (1980) Some properties of spontaneous excitatory junction potentials recorded from arterioles of guinea-pigs. *J.Physiol.* **303**, 43-60

Hirst, G. D., and Edwards, F. R. (1989) Sympathetic neuroeffector transmission in arteries and arterioles. *Physiol Rev* **69**, 546-604

Hirst, G. D. S., Edwards, F.R., Bramich, N. J., and Klemm, M. (1991) Neural control of cardiac pacemaker potentials. *News in Physiol. Sci*. **6**, 185-190

Hirst, G. D. S., Bramich, N. J., Edwards, F. R., and Klemm, M. (1992) Transmission at autonomic neuroeffector junctions [see comments]. *Trends Neurosci.* **15**, 40-46

Hirst, G. D., Choate, J. K., Cousins, H. M., Edwards, F. R., and Klemm, M. F. (1996) Transmission by post-ganglionic axons of the autonomic nervous system: the importance of the specialized neuroeffector junction. *Neurosci.* **73**, 7-23

Holzer, P. (1992) Peptidergic sensory neurons in the control of vascular functions: mechanisms and significance in the cutaneous and splanchnic vascular beds. *Rev Physiol Biochem.Pharmacol* **121**, 49-146

Holzer, P. (2002a) Sensory neurone responses to mucosal noxae in the upper gut: relevance to mucosal integrity and gastrointestinal pain. *Neurogastroenterol.Motil.* **14**, 459-475

Holzer, P. (2002b) Control of gastric functions by extrinsic sensory neurons. In *Innervation of the Gastrointestinal Tract. Vol. 14 of The Autonomic Nervous System (ed. by G. Burnstock)* (Brookes, S., and Costa, M., eds) pp. 103-170, Taylor and Francis, London and New York

Hoyle, C. H. V., Milner, P., and Burnstock, G. (2002) Neuroeffector transmission in the intestine. In *Innervation of the Gastrointestinal Tract. Vol. 14 of The Autonomic Nervous System (ed. by G. Burnstock)* (Brookes, S., and Costa, M., eds) pp. 295-340, Taylor and Francis, London New York

Iino, S., Ward, S. M., and Sanders, K. M. (2004) Interstitial cells of Cajal are functionally innervated by excitatory motor neurons in the murine intestine. *J Physiol* **556**, 521-530

Jack, J. B. B., Noble, D., and Tsien, R. W. (1975) *Electrical current flow in excitabel cells*, Clarendon Press, Oxford

Jänig, W., and Green, P. G. (2014) Acute inflammation in the joint: its control by the sympathetic nervous system and by neuroendocrine systems. *Autonomic Neuroscience: Basic & Clinical* **182**, 42-54

Jänig, W., and Häbler, H. J. (2000) Sympathetic nervous system: contribution to chronic pain. *Prog.Brain Res.* **129**, 451-468

Jänig, W., and McLachlan, E. M. (2013) Neurobiology of the autonomic nervous system. In *Autonomic Failure* (Mathias, C. J., and Bannister, R., eds) pp. 21-34, Oxford University Press, 5th edition, New York, Oxford

Jänig, W., Khasar, S. G., Levine, J. D., and Miao, F. J.-P. (2000) The role of vagal visceral afferents in the control of nociception. *Prog.Brain Res.* **122**, 273-287

Jobling, P., and McLachlan, E. M. (1992) An electrophysiological study of responses evoked in isolated segments of rat tail artery during growth and maturation. *J Physiol* **454**, 83-105

Jobling, P., McLachlan, E. M., Jänig, W., and Anderson, C. R. (1992) Electrophysiological responses in the rat tail artery during reinnervation following lesions of the sympathetic supply. *J Physiol* **454**, 107-128

Johnson, J. M., and Kellogg, D. L., Jr. (2010) Thermoregulatory and thermal control in the human cutaneous circulation. *Frontiers in Bioscience* **2**, 825-853

Johnson, J. M., Minson, C. T., and Kellogg, D. L., Jr. (2014) Cutaneous vasodilator and vasoconstrictor mechanisms in temperature regulation. *Comprehensive Physiology* **4**, 33-89

Keast, J. R., Luckensmeyer, G. B., and Schemann, M. (1995) All pelvic neurons in male rats contain immunoreactivity for the synthetic enzymes of either noradrenaline or acetylcholine. *Neurosci.Lett.* **196**, 209-212

Khasar, S. G., Green, P. G., and Levine, J. D. (1993) Comparison of intradermal and subcutaneous hyperalgesic effects of inflammatory mediators in the rat. *Neurosci.Lett.* **153**, 215-218

Khasar, S. G., Miao, F. J.-P., and Levine, J. D. (1995) Inflammation modulates the contribution of receptor-subtypes to bradykinin-induced hyperalgesia in the rat. *Neurosci.* **69**, 685-690

Khasar, S. G., Miao, F. J.-P., Jänig, W., and Levine, J. D. (1998) Modulation of bradykinin-induced mechanical hyperalgesia in the rat by activity in abdominal vagal afferents. *Eur.J.Neurosci.* **10**, 435-444

Klemm, M. F. (1995) Neuromuscular junctions made by nerve fibres supplying the longitudinal muscle of the guinea-pig ileum. *J Auton.Nerv.Syst.* **55**, 155-164

Klemm, M., Hirst, G. D., and Campbell, G. (1992) Structure of autonomic neuromuscular junctions in the sinus venosus of the toad. *J.Auton.Nerv.Syst.* **39**, 139-150

Klemm, M. F., Van Helden, D. F., and Luff, S. E. (1993) Ultrastructural analysis of sympathetic neuromuscular junctions on mesenteric veins of the guinea pig. *J Comp Neurol.* **334**, 159-167

Lavidis, N. A., and Bennett, M. R. (1992) Probabilistic secretion of quanta from visualized sympathetic nerve varicosities in mouse vas deferens. *J Physiol* **454**, 9-26

Lew, M. J., Rivers, R. J., and Duling, B. R. (1989) Arteriolar smooth muscle responses are modulated by an intramural diffusion barrier. *Am.J.Physiol.* **257**, H10-H16

Luff, S. E., McLachlan, E. M., and Hirst, G. D. (1987) An ultrastructural analysis of the sympathetic neuromuscular junctions on arterioles of the submucosa of the guinea pig ileum. *J Comp Neurol.* **257**, 578-594

Luff, S. E., and McLachlan, E. M. (1989) Frequency of neuromuscular junctions on arteries of different dimensions in the rabbit, guinea pig and rat. *Blood Vessels* **26**, 95-106

Luff, S. E., Hengstberger, S. G., McLachlan, E. M., and Anderson, W. P. (1992) Distribution of sympathetic neuroeffector junctions in the juxtaglomerular region of the rabbit kidney. *J Auton.Nerv.Syst.* **40**, 239-253

Luff, S. E., Young, S. B., and McLachlan, E. M. (1995) Proportions and structure of contacting and non-contacting varicosities in the perivascular plexus of the rat tail artery. *J Comp Neurol.* **361**, 699-709

Luff, S. E., Young, S. B., and McLachlan, E. M. (2000) Ultrastructure of substance P-immunoreactive terminals and their relation to vascular smooth muscle cells of rat small mesenteric arteries. *J Comp Neurol.* **416**, 277-290

Lundberg, J. M. (1981) Evidence for coexistence of vasoactive intestinal polypeptide (VIP) and acetylcholine in neurons of cat exocrine glands. Morphological, biochemical and functional studies. *Acta Physiol.Scand.* **496**, 1-57

Lundberg, J. M. (1996) Pharmacology of cotransmission in the autonomic nervous system: integrative aspects on amines, neuropeptides, adenosine triphosphate, amino acids and nitric oxide. *Pharmacol.Rev.* **48**, 113-178

Marshall, J. M. (2015) Interactions between local dilator and sympathetic vasoconstrictor influences in skeletal muscle in acute and chronic hypoxia. *Experimental Physiology* **100**, 1400-1411

Macarthur, H., Wilken, G. H., Westfall, T. C., and Kolo, L. L. (2011) Neuronal and non-neuronal modulation of sympathetic neurovascular transmission. *Acta Physiologica* **203**, 37-45

McLachlan, E. M. (ed.)(1995) *Autonomic Ganglia. Vol 6 of The Autonomic Nervous System (ed. by G. Burnstock)*, Harwood Academic Publishers, Luxembourg

McMahon, S. B. (1996) NGF as a mediator of inflammatory pain. *Philos.Trans.R.Soc.Lond.B.Biol.Sci.* **351**, 431-440

Miao, F. J., Green, P. G., Coderre, T. J., Jänig, W., and Levine, J. D. (1996a) Sympathetic-dependence in bradykinin-induced synovial plasma extravasation is dose-related. *Neurosci.Lett.* **205**, 165-168

Miao, F. J.-P., Jänig, W., and Levine, J. D. (1996b) Role of sympathetic postganglionic neurons in synovial plasma extravasation induced by bradykinin. *J.Neurophysiol.* **75**, 715-724

Miao, F. J., Jänig, W., and Levine, J. D. (2000) Nociceptive neuroendocrine negative feedback control of neurogenic inflammation activated by capsaicin in the rat paw: role of the adrenal medulla. *J Physiol* **527 Pt 3**, 601-610

Miao, F. J., Jänig, W., Jasmin, L., and Levine, J. D. (2001) Spino-bulbo-spinal pathway mediating vagal modulation of nociceptive-neuroendocrine control of inflammation in the rat. *J Physiol* **532**, 811-822

Morris, J. L., and Gibbins, I. L. (1992) Co-transmission and neuromodulation. In *Autonomic Neuroeffector Mechanisms* (Burnstock, G., and Hoyle, C. H. V., eds) pp. 33-119, Harwood, Chur, Switzerland

Morris, J. L., Gibbins, I. L., and Clevers, J. (1981) Resistance of adrenergic neurotransmission in the toad heart to adrenoceptor blockade. *Naunyn Schmiedebergs Arch.Pharmacol.* **317**, 331-338

Morris, M. J., Russell, A. E., Kapoor, V., Cain, M. D., Elliott, J. M., West, M. J., Wing, L. M., and Chalmers, J. P. (1986) Increases in plasma neuropeptide Y concentrations during sympathetic activation in man. *J.Auton.Nerv.Syst.* **17**, 143-149

Mulryan, K., Gitterman, D. P., Lewis, C. J., Vial, C., Leckie, B. J., Cobb, A. L., Brown, J. E., Conley, E. C., Buell, G., Pritchard, C. A., and Evans, R. J. (2000) Reduced vas deferens contraction and male infertility in mice lacking P2X1 receptors. *Nature* **403**, 86-89

Mulvany, M. J., Nilsson, H., and Flatman, J. A. (1982) Role of membrane potential in the response of rat small mesenteric arteries to exogenous noradrenaline stimulation. *J Physiol* **332**, 363-373

Nilsson, H., Jensen, P. E., and Mulvany, M. J. (1994) Minor role for direct adrenoceptor-mediated calcium entry in rat mesenteric small arteries. *J Vasc.Res* **31**, 314-321

Peng, H., Matchkov, V., Ivarsen, A., Aalkjaer, C., and Nilsson, H. (2001) Hypothesis for the initiation of vasomotion. *Circ.Res.* **88**, 810-815

Pernow, J. (1988) Co-release and functional interactions of neuropeptide Y and noradrenaline in peripheral sympathetic vascular control. *Acta Physiol.Scand.Suppl.* **568**, 1-56

Pierce, P. A., Xie, G. X., Peroutka, S. J., Green, P. G., and Levine, J. D. (1995) 5-Hydroxytryptamine-induced synovial plasma extravasation is mediated via 5-hydroxytryptamine2A receptors on sympathetic efferent terminals. *J.Pharmacol.Exp.Ther.* **275**, 502-508

Potter, E. K. (1987) Guanethidine blocks neuropeptide-Y-like inhibitory action of sympathetic nerves on cardiac vagus. *J.Auton.Nerv.Syst.* **21**, 87-90

Ringkamp, M., Raja, S.N., Campbell, J.N., Meyer, R.A. (2013) 'Peripheral mechanisms of cutaneous nociception' in McMahon, S. B., Koltzenburg, M., Tracey, I., Turk, D.C., eds. *Wall and Melzack´s Textbook of Pain*,6th edition ed., Philadelphia: Elsevier Saunders, 1-30

Rowell, L. B. (1993) *Human cardiovascular control*, Oxford University Press, New York, Oxford

Rummery, N. M., Brock, J. A., Pakdeechote, P., Ralevic, V., and Dunn, W. R. (2007) ATP is the predominant sympathetic neurotransmitter in rat mesenteric arteries at high pressure. *J Physiol* **582**, 745-754

Sandow, S. L., Whitehouse, D., and Hill, C. E. (1998) Specialised sympathetic neuroeffector associations in rat iris arterioles. *Journal of Anatomy* **192**, 45-57

Schulman, H. (2013) Intracellular signaling. In *Fundamental Neuroscience* (Squire, L. R., Berg, D., Bloom, F. E., Du Lac, S., Ghosh, A., and Spitzer, N. C., eds) pp. 189-209, Elsevier Academic Press, Amsterdam

Sherbourne, C. D., Gonzales, R., Goldyne, M. E., and Levine, J. D. (1992) Norepinephrine-induced increase in sympathetic neuron-derived prostaglandins is independent of neuronal release mechanisms. *Neurosci.Lett.* **139**, 188-190

Smith, C. J., and Johnson, J. M. (2016) Responses to hyperthermia. Optimizing heat dissipation by convection and evaporation: Neural control of skin blood flow and sweating in humans. *Autonomic Neuroscience: Basic & Clinical* **196**, 25-36

Swift, J. Q., Garry, M. G., Roszkowski, M. T., and Hargreaves, K. M. (1993) Effect of flurbiprofen on tissue levels on immunoreactive bradykinin and acute postoperative pain. *J.Oral.Max.Surg.* **51**, 112-117

Taiwo, Y. O., and Levine, J. D. (1988) Characterization of the arachidonic acid metabolites mediating bradykinin and noradrenaline hyperalgesia. *Brain Res.* **458**, 402-406

Tanahashi, Y., Ichimura, Y., Kimura, K., Matsuyama, H., Iino, S., Komori, S., and Unno, T. (2014) Cholinergic neuromuscular transmission mediated by interstitial cells of Cajal in the myenteric layer in mouse ileal longitudinal smooth muscles. *Naunyn Schmiedebergs Arch Pharmacol* **387**, 377-388

Tomita, T. (1975) Electrophysiology of mammalian smooth muscle. *Prog.Biophys.Mol.Biol.* **30**, 185-203

Tykocki, N. R., Boerman, E. M., and Jackson, W. F. (2017) Smooth Muscle Ion Channels and Regulation of Vascular Tone in Resistance Arteries and Arterioles. *Comprehensive Physiology* **7**, 485-581

van Helden, D. F. (1988a) An alpha-adrenoceptor-mediated chloride conductance in mesenteric veins of the guinea-pig. *J Physiol* **401**, 489-501

van Helden, D. F. (1988b) Electrophysiology of neuromuscular transmission in guinea-pig mesenteric veins. *J Physiol*  **401**, 469-488

Vanhoutte, P. M., Zhao, Y., Xu, A., and Leung, S. W. (2016) Thirty years of saying NO: sources, fate, actions, and misfortunes of the endothelium-derived vasodilator mediator. *Circulation Research* **119**, 375-396

Van Helden, D. F. (1991) Spontaneous and noradrenaline-induced transient depolarizations in the smooth muscle of guinea-pig mesenteric vein. *J Physiol* **437**, 511-541

Ward, S. M., Beckett, E. A., Wang, X., Baker, F., Khoyi, M., and Sanders, K. M. (2000) Interstitial cells of Cajal mediate cholinergic neurotransmission from enteric motor neurons. *J.Neurosci.* **20**, 1393-1403