

CHAN Wai Kei (Nickie)

Academic qualifications:

- 1994-1997: B. Sc. Department of Biology,
The Chinese University of Hong Kong
- 1997-1999: M. Phil. Department of Physiology,
The Chinese University of Hong Kong

Previous academic positions held:

- 1996-1997: Research Assistant Department of Physiology,
The Chinese University of Hong Kong
- 1999-2014: Technical Instructor Teaching Division, School of Chinese Medicine,
Hong Kong Baptist University

Present academic position:

- 2014-now: Senior Technical Officer Teaching and Research Division,
School of Chinese Medicine,
Hong Kong Baptist University

Previous relevant research work:

Technical expertise: Flow Cytometry, Histology, Imaging System and Animal Handling

Publication records:

- Huang, Y, Lau, CW, Chan, NWK, Yao, XQ and Chan, FL. (1998) Prejunctionally mediated inhibition of neurotransmission by isoprenaline in rat vas deferens. *Life Sci* 63(23): 2107-2113.
- Kwok, KH, Lau, CW, Chan, NWK and Huang, Y. (1998) Dualistic effects of tetrapentylammonium ions on contractility in the isolated rat mesenteric artery. *Pharmacology* 57: 188-195.
- Huang, Y, Kwok, KH, Chan, NWK, Lau, CW and Chen, ZY. (1998) Role of endothelium and K⁺ channel in dobutamine-induced relaxation in rat mesenteric artery. *Clin Exp Pharmacol Physiol* 25: 405-411.
- Huang, Y & Chan, NWK. (1998) Involvement of endothelium in glibenclamide-induced relaxation in rat mesenteric artery. *Eur J Pharmacol* 343: 27-33.
- Huang, Y, Lau, CW, Chan, NWK, Yao, XQ, Chan, FL and Chen, ZY. (1999) Involvement of Endothelium/Nitric Oxide in Vasorelaxation Induced by Purified Green Tea (-)Epicatechin. *Biochim Biophys Acta* 1427: 322-328.

- Huang Y, Yao XQ, Chan FL, Lau CW, Chan NWK & Chen ZY (2000) Abolition of endothelium-dependent relaxation in the rat aorta by tetraoctylammonium ions. *Naunyn-Schmiedeberg's Archives of Pharmacology* 362 (2):152-159.
- Yao, XQ, Kwan, H, Chan, FL, Chan, NWK and Huang, Y. (2000) A protein kinase G-sensitive channel mediates Ca²⁺ entry in vascular endothelial cells. *FASEB Journal* 14(7):932-938.
- Chan, NWK, Ko, WH, Yao, XQ and Huang, Y. (2000) Nitric oxide mediates endothelium-dependent relaxation induced by glibenclamide in rat aorta. *Cardiovasc. Res.* 46: 180–187.
- Huang, Y, Cheng, YM, Chan, FL, Yao, XQ, Lau, CW, Chan, NWK and Chen, ZY. (2000) Role of endothelium in thapsigargin-induced arterial response in rat aorta. *Eur. J. Pharmacol* 392(1-2), 2000, 51-59.
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- W.K. Lau, W.K. Chan, J.L. Zhang, K.K.L.Yung and H. Q. Zhang (2008) Electroacupuncture inhibits cyclooxygenase-2 up-regulation in rat spinal cord after spinal nerve ligation. *Neuroscience* 155:463-468.