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Regional Report Canadian Consortium



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Canada**



Members

- Western University
- University of Windsor
- McMaster University
- University of Guelph
- Can Institute of Chinese Medicinal Research
- Global Institute of Computational Molecular and Materials Science
- Ontario Ginseng Innovation and Research Consortium

Overview

- Active Research Programs in TCM and TCM components at several centres
- Education
 - Teaching of key concepts of TCM at several Canadian medical schools



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- Research on anti-oxidant properties of TCM with special reference to drug toxicity
 - *Virology* 2018 May 9;15(1):82
 - *Histol Histopathol* 2018 Jun 19:18015
 - *Clin Pharmacol Ther* 2017 Jun;101(6):725-735
 - *J Pharm Pharm Sci* 2015;18(4):661-82
 - *J Pharm Pharm Sci* 2015;18(4):528-46
 - *Br J Clin Pharmacol* 2015 Oct;80(4):889-900

McMaster



- Exploration of the use of TCM and other alternative and complementary therapies in cancer care as part of a research program in Integrative Oncology
 - *Integrative Oncology (Second edition)*; Chapter 26: 502-529
 - *Future Oncol* 2016 Dec;12(24):2779-2783
 - *Int J Radiat Oncol Biol Phys* 2015 Jun 1;92(2):220-7
 - *Integr Cancer Ther* 2010 Mar;9(1):5-13

University of Guelph

- Active program studying use of TCM in ischaemia-reperfusion injury at the Ontario College of Veterinary Medicine
 - *Clin Exp Pharmacol Physiol* 2017 Oct;44(10):1008-1016
 - *Clin Exp Pharmacol Physiol* 2017 Oct;44(10):993-1000
 - *European Journal of Medicinal Plants* 8(3):128-141, 2015.
 - *Brain Sciences* 5:130-143, 2015
 - *PLoS One* 2014 Jan 31;9(1):e87865. doi: 10.1371/journal.pone.0087865

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Ginseng Research

- Ontario Ginseng Innovation and Research Consortium. E Lui as Scientific Director (<http://www.uwo.ca/physpharm/ogirc/research>)
- Government funding completed in 2014; active work on-going; Ontario is the largest producer of North American ginseng in the world
- Commercialization at Western Phytoceutica Inc at Western Sarnia Lambton Research Park.
- Joint initiative with Lambton College: NHP Research Centre

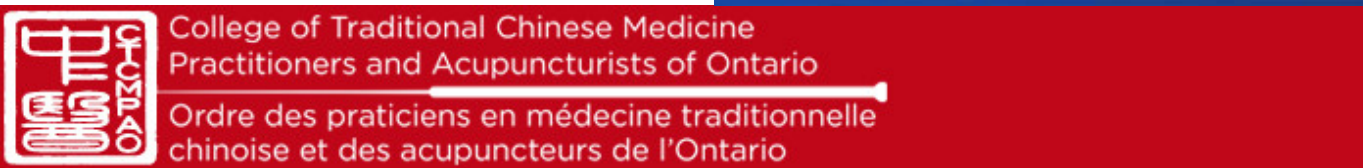
Education

- TCM and Natural Health Products are being taught at all Canadian medical schools
- Project underway to develop on-line resources for students from high school to medical school; goal to have shareable resource for all CGCM members.
- Canadian Academic Consortium on Integrative Healthcare Education in progress
- Challenges

Clinical



- Health Canada has unique regulatory authority for Natural Health Products including TCM
- TCM is a recognized and regulated health profession across Canada (provincial authority)





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