

**Program for the Joint Annual Conference of the Canadian Institute of Chinese Medicinal Research and the Ontario Ginseng Innovation and Research Centre
Oct 16-19 2008, University of Western Ontario, London, Ontario, Canada.
Video conferencing at the Chang School of Continuing Education, Ryerson University, Toronto.**

Co-sponsors:

Schulich School of Medicine & Dentistry, University of Western Ontario
The Chang School of Continuing Education, Ryerson University.
Institute for Nutrisciences and Health, National Research Council of Canada
Consortium for Globalization of Chinese Medicine

Corporate sponsors:

A&L Canada Laboratories Ltd
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Journal of Complementary and Integrative Medicine
Naturex
Ontario Ginseng Growers Association

Thursday, Oct 16 2008 - Day 1-

Spencer Conference Centre, London Ontario.

4.30 pm Registration

Moderator: Ed Lui

5.30 pm Welcome and opening remarks:

Edmund Lui, President of CICMR & Scientific Director of the OGIRC
Patrick Choy, Associate Dean, Faculty of Medicine, University of Manitoba.
Dan Brown, Acting Research Manager of the Southern Crop Protection and Food Research Centre, Agriculture and Agri-Food Canada

6.00-7.00 pm Plenary lecture: "Some Early Successes of a Comprehensive Approach to TCM Research" by Prof P.C. Leung, Institute of Chinese Medicine, and Chinese University of Hong Kong

7.00-9.00 pm Working mixer/reception and discussion forum on "Future Direction in NHPs Research & Development"- sponsored by Naturex.

Panel: Kelvin Chan, University of Wolverhampton; Alvin Ibarra, Naturex; Gary Leong, Jamieson Laboratory Ltd; Michael Smith, Natural Health Products

Directorate, Health Canada; Jeff Zidichouski, Nutrisciences and Health, National Research Centre.

9.15 pm CICMR Board meeting

Friday, Oct 17 2008

- Day 2 -

Spencer Conference Centre, London Ontario.

Scientific Sessions

8.15 am Opening remarks: Gerald M. Kidder, Ph.D. Associate Vice-President (Research), Office of the Vice President Research and International Relations.

Co-Chairs: Patrick Choy, Junzeng Zhang and Joseph Tai

I. Chinese Medicine Products R & D

8.30 am “Treatment of diabetes and obesity – personalized approach based on traditional Chinese medicine”

Dr. Xiao-lin Tong, Vice President, Guang An Men Hospital, China Academy of Chinese Medical Sciences

8.55 am. “Treatment of acute rheumatoid arthritis through ‘heat clearing’ and ‘detoxifying and blood cooling’”

Dr. Yong-Hong Zhang. Division of Rheumatics, Henan Luoyang Orthopedic-Traumatological Hospital, China

9.20 am. “System biology of Traditional Chinese Medicine”

Dr. Junzeng Zhang, Natural Products Chemistry, Institute for Nutrisciences and Health, National Research Council of Canada, PEI

9.45 am “A view from the reductionist, bottoms-up approach to bioactive systems (with particular focus on Traditional Chinese Medicine)”.

Prof. G. Chass, University of Toronto

10.10 am Coffee break

10.35 am. “High Throughput Screening of Novel Therapeutic Molecules from Chinese Medicinal Plants for the Treatment of Cystic Fibrosis”

Dr. Danny Li. Chinese medicine research and education, Ryerson University and Hospital for Sick Children

11.00 am "Chemical analysis and medicinal properties of polysaccharides from natural sources."
Prof. Clara BS Lau, Assistant Director, Institute of Chinese Medicine, the Chinese University of Hong Kong

11.25 am "Multiple targets for the anti-cancer effect of Polysaccharide-peptides isolated from the medicinal mushroom, *Coriolus vesicolor*: isolation of the anti-angiogenic and immuno-stimulatory components"
Dr EMK Lui, University of Western Ontario

11.50 am "Antiviral study from plant resources of Asia"
Dr. Hongjie Zhang, Department of Medicinal Chemistry & Pharmacognosy College of Pharmacy, University of Illinois at Chicago, USA

12.15 – 1.30 pm Lunch

Co-Chairs: Carmen Tamayo and Harpal Buttar

1.30 pm "Application of Chinese herbal products in blood lipid reduction"
Dr. Yanwen Wang, Institute for Nutrisciences and Health, National Research Council of Canada, PEI

1.50 pm "Chinese herbal medicine: Cellular targets and implications in cardiovascular disease"
Dr. Chris Siow, Agriculture and Agri-food Canada & Canadian Centre for Agrifood Research in Health and Medicine and U of Manitoba.

2.15 pm "Brain food and natural products for health and wellness"
Dr. Jeff Zidichouski, Director of Research, Institute for Nutrisciences and Health, National Research Council of Canada, PEI

2.35 pm Coffee Break

II. Efficacy & Safety issues of herbal medicinal products

3.00 pm "Evaluating the Evidence of NHPs: Supporting the informed choice question"
Dr Michael Smith, NHPD, Health Canada

3.20 pm "Global Awareness of Quality and Safety issues of Chinese Medicinal Materials: Monographic Standards".
Prof. Kelvin Chan, Director of R & D in Pharmacy & Pharmaceutical Sciences, School of Applied Sciences, University of Wolverhampton. UK

3.40 pm. "Adulteration/Contamination of Herbal Products and Chinese Medicines with Pharmaceuticals and Heavy Metals: Safety and Regulatory Implications"
Dr. Harpal S. Buttar, Reproduction and Urology Division Therapeutic Products Directorate, Health Canada

4.30 – 5.30 pm CICMR Annual General Meeting

6.00 – 8.30 pm **Poster/Discussion Session with Wine and Cheese Reception – sponsored by Jamieson Laboratory Ltd.**

Co-Chairs and judges: Joseph Tai, John Arnason, Carmen Tamayo, and Chris Siow

Saturday, Oct 18 2008

-Day 3-

Spencer Conference Centre

8.00 am Registration

8.15 am Discussion Forum: “TCM Regulatory and Educational framework in Canada”.

Moderator: EMK Lui, University of Western Ontario.

Panel: Prof. PC Leung, Institute of Chinese Medicine and Chinese University of Hong Kong; Cedric Cheung, President of the Transitional Council of College of TCMPAO; Dr. Michael Chung, CTCMA, Vancouver, BC; Dr. Danny Li, Ryerson University.

10.00 am Coffee Break

10.15 am Discussion Forum: continued

Scientific Session: Advances in Chinese Medicine and Integrative Medicine

Chair: Joseph Tai

11.20 am “Advances in pulse diagnosis research”
Dr. Y-C Kuo. Institute of Pharmacology of Taipei Medical University, Taiwan

11.40 am “Multi-targeting Cancer with Chinese Herbal Therapies: New Research Opportunities”

Dr. S.Sagar and Dr. Raimond Wong, McMaster University, Ontario

12.00 – 1.15 pm Lunch

Ontario Ginseng Innovation and Research Program

Ginseng Scientific Sessions

Co-Chairs: P. Charpentier and S. Chakrabarti

1.15 pm “New technologies for ginseng agriculture and product development – vision of the Ontario Ginseng Innovation and Research Centre”
Dr. EMK Lui, Dept of Physiology and Pharmacology, University of Western Ontario

1.35 pm “Application of plant biotechnology to NA ginseng production”
Dr. D. Brown, Agriculture and Agri-Food Canada & Dept of Biology, University of Western Ontario

1.55 pm “Progress in forest-based cultivation of ginseng”
Dr. Jianguo Fu, Ginseng Industry of the Jilin Province of P.R.China

2.15 pm “Challenges in phytochemical analysis of ginseng”
Dr. J Arnason. Department of Biology, University of Ottawa

2.35 pm Coffee break

3.00 pm “Use of pulse diagnosis to study pharmacodynamics of ginseng”
Dr. Y-C Kuo. Institute of Pharmacology of Taipei Medical University, Taiwan

3.20 pm “The effect of ginseng root on vascular endothelial function and Influence of its extracted ginsenoside and polysaccharide fractions: an acute duration randomized, controlled trial in healthy individuals”
Elena Jovanovski^{1,2}, Leanne DeSouza^{1,2}, Adish Ezatagha^{1,2}, Shirin Panahi^{1,2}, Alexandra Jenkins^{1,2}, Andre Dias^{1,2}, Vladimir Vuksan^{1,2} ¹Department of Nutritional Sciences, University of Toronto, Toronto, ON, ²Clinical Nutrition and Risk Factor Modification Centre, St. Michael’s Hospital, Toronto, ON

3.40 pm “Targeting molecular targets with NHPs in mental health: results of RCT with *Panax ginseng* in schizophrenia”.
Dr. Simon Chiu. Department of Psychiatry, University of Western Ontario.

4.00 pm. "Ginseng and human neurocognitive function"
Prof. Andrew Scholey. Brain Sciences Institute, Melbourne, Australia

Dinner Reception 6.00 – 9.00 pm

Sunday, Oct 19 2008

-Day 4-

**Location: Auditorium “A”, 3rd Floor
University Hospital**

Moderator: Dr. Arnason

**Presentations from the “Platform Technology Groups” of the Ontario Ginseng
Innovation & Research Centre (OGIRC)**

**8.15 am Introduction (E. Lui)
8.20 am Plant biotechnology (D. Brown)
9.05 am Phytochemistry (J. Arnason)**

Coffee Break 9.50 – 10.05 am

**10.05 am Preclinical study (E. Lui)
10.50 am Processing technology (J. Zhu)
11.30 am Knowledge translation**

**Report from the Education and Training Committee (S. Chakrabarti)
11.45 am – 12.00 noon**

---Conclusion of the conference ---

12.00 – 1.30 pm 3rd General meeting of the OGIRC

**1.30 – 4.30 pm Public Forum - “Chinese medicines for health and wellness: what
everyone should know”
London Public Library**

Moderator: Ed Lui

Speakers:

**Michael Chung
Joel Gagnier
Yucheng Kuo
Ed Lui**