

2016 ANNUAL REPORT

CGCM Australian Regional Group

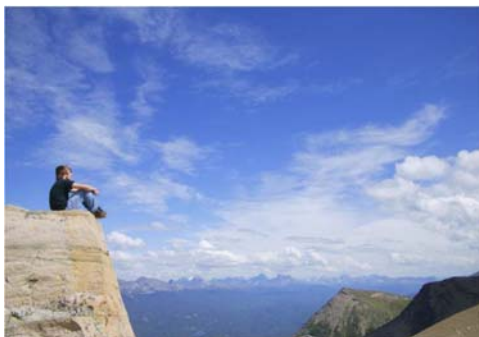
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**National Institute of Complementary
Medicine (NICM) - Update**

NICM Strategic Vision

To provide leadership and support for strategically directed research into complementary medicine and the translation of evidence into clinical practice and relevant policy to benefit the health of all Australians.



- NICM national priorities:
- Growing Australian R&D
- Improving product innovation
- Strengthening integration of well evidenced interventions through better communication.



National Institute of Complementary Medicine (NICM) - Update

- Long history: Research Unit 1995; CompleMED 2001; Govn seeding of NICM 2007
- Approximately 50 academic, professional, HDR students
- Excellence in Research for Australia (ERA) 5: Well above world standards
- Strong national and international research linkages
- Strengths in Chinese Medicine
- \$3.5-4M p.a.
- Funding: Nationally competitive grants, Govn and university seed funding, industry research grants, consultancies, philanthropy



National Institute of Complementary Medicine (NICM) - Update

Key Clinical Clusters

- Healthy minds: preventing and treating neurocognitive and mental health disorders
- Healthy hearts: preventing and treating cardiovascular and metabolic disorders
- Healthy women: promoting sexual and reproductive health
- Healthy lives post-cancer: staying healthy through the cancer journey



National Institute of Complementary Medicine (NICM) - Update

Research Highlight - Healthy Minds Program

- A Multicentre, Randomised, Double-Blind, Placebo Controlled Trial to Evaluate the Effectiveness and Safety of a Standardised Chinese Herbal Medicine Formula in Patients with Vascular Dementia and Alzheimer's Disease
- NHMRC/ARC Dementia Research Development Fellowship project: An investigation into the neural substrates of cognitive deficits in Mild Cognitive Impairment, and the mechanisms of action of a novel treatment
- Evaluation of a nutraceutical intervention in healthy ageing with subjective cognitive complain
- A Pilot Randomised, Double-Blind, Placebo Controlled Trial to Evaluate the Effectiveness and Safety of NXQ in Patients with Ischemic Stroke
- Mechanisms of Action of Herbal Medicine used in Cardio- and Cerebrovascular Diseases
- Investigation of anti-inflammatory and neuroprotective activity of plant extracts for the treatment of Alzheimer's disease



National Institute of Complementary Medicine (NICM) - Update

Research Highlight - Laboratory Research

Pharmacokinetic studies of herbal medicine

- Study of pharmacokinetic profiles and metabolites of active herbal components
- Bioavailability and bioequivalency studies

Pharmacological studies of herbal medicine

- In vitro model
- Zebrafish models of cerebral ischemia and angiogenesis

Herb-drug interaction studies

- Study of the effects of herbal medicine on hepatic cytochrome P450 (CYP450) oxidation enzyme system

Anti-tumour effects of Chinese herbal medicines

- Study of gene expression capacity of cytokines IL-2, 3, 9, 10 and 12 in the T cells and macrophages in response to herbal treatment

Quality control of herbs - protein & DNA finger printing

- study of the genetic make-up and protein polymorphism of different herbal species



National Institute of Complementary Medicine (NICM) - Update

Key International Collaborations

- Australia-China Collaborative Centre for Chinese Medicine Research and Development
 - Xiyuan Hospital, China Academy of Chinese Medicine
 - Research and development of Chinese herbal medicine
- Chinese Medicine Centre
 - Beijing University of Chinese Medicine (BUCM)
 - Integrative medicine services, education and research collaborations



National Institute of Complementary Medicine (NICM) - Update

Chinese Medicine Centre – a collaborative clinical, education and research centre



NICM's New Westmead Facilities to be opened in 2018



Recent Development @ RMIT University

- Chinese Medicine program has moved to a new state-of-the-art building



- China-Australia International Research Centre for Chinese Medicine
 - Joint initiative between RMIT's School of Health Sciences and Guangdong Provincial Academy of Chinese Medical Sciences and Guangdong Provincial Hospital of Chinese Medicine
 - Recent publications of two monographs
 - Evidence-based Clinical Chinese Medicine: Vol 1 Chronic obstructive pulmonary disease
 - Evidence-based Clinical Chinese Medicine: Vol 2 psoriasis vulgaris
 - Offer an up-to-date "whole evidence" analysis of the Chinese medicine management of diseases

Recent Development @ University of Sydney



- **New Maurice Blackmore Chair in Integrative Medicine**
 - \$1.3 million donation of USyd School of Medicine by Blackmores Institute
 - Aims to undertake research into the impact of complementary medicine in health outcomes including how complementary and alternative medicine interact with the current standard western treatments
 - Recruitment is currently underway
- **Big-Data Laboratory for Integrative Medicine**
 - Co-funded by Usyd's China Studies Centre and Chinese University of Hong Kong
 - Position Usyd as the key research centre using big data research to advance Chinese medicine and integrative medicine research
 - CIs: Associate Professor Simon Poon (China Studies Centre) and Dr Josiah Poon (Faculty of Engineering and Information)

Update on National Registration of Chinese Medicine Practitioners in Australia



- Grandparenting arrangements came to an end on 30 June 2015.
- Supervisions guidelines for Chinese medicine practitioners published.
- 4,494 registered Chinese medicine practitioners on 30 June 2015.
- 5.22% increase in number of registered Chinese medicine practitioners compared to 2013/14.
- 40% of Chinese medicine practitioners based in New South Wales, 28% in Victoria.
- 46% of registered Chinese practitioners are registered as acupuncturists and Chinese herbal medicine practitioners.
- 15% decrease in number of notifications received about registered Chinese medicine practitioners compared to 2013/14.
- 883 Chinese medicine registrants under active monitoring on 30 June 2015, 98.5% due to suitability/eligibility

THANK YOU