



A Newsletter from the CIHR Institute of Nutrition, Metabolism and Diabetes

Vol. 14, No. 10- October 2014

ISSN 2291-1111

INMD *Connections*

Message from Philip Sherman, INMD Scientific Director

SPOR NETWORKS IN CHRONIC DISEASE: STRATEGY FOR PATIENT-ORIENTED RESEARCH

CHRONIC DISEASE

This month, CIHR will launch the SPOR Networks in Chronic Disease funding opportunity, as part of the Strategy for Patient-Oriented Research (SPOR). Key attributes of these Networks are that they must focus on first in-human research in non-communicable chronic diseases in areas of high disease burden. They must be national in scope, and will be expected to include relevant international collaborations. Only one network will be funded in any particular focus area, and CIHR funds must be matched at a minimum of 1:1 with funding from partners (non-Federal sources).

The objective of the SPOR Networks in Chronic Disease is to translate research into clinical practice and policy that will result in measureable improvements in patient outcomes. INMD recently hosted a National Strengthening Workshop in Diabetes and Related Complications, and I would encourage anyone interested to read the Workshop report posted on the [INMD website](#). There is also information about SPOR available on the [CIHR website](#).

As Scientific Director of an Institute that serves a broad research community addressing a number of non-communicable chronic diseases of significant burden to the health of Canadians, I am pleased to be a part of SPOR. I feel confident that research leaders and partners working in INMD mandate areas will approach this new funding opportunity with creativity and a collaborative spirit.

Bonne chance!

Philip M. Sherman, MD, FRCPC
Scientific Director, INMD

Strategy for Patient-Oriented Research

SPOR

Putting Patients First

SHOW ME THE EVIDENCE

CIHR is pleased to inform you that the Fall issue of *Show me the Evidence* is now available on the [CIHR website](#). *Show me the Evidence* provides details of how and where findings by CIHR-supported researchers are being applied. Since the Fall of 2013, each issue of the magazine has focused on one of CIHR's signature initiatives. This issue of *Show me the Evidence* highlights health research that aligns with CIHR's [International Collaborative Research Strategy for Alzheimer's Disease](#). We encourage you to visit the CIHR website and [Facebook page](#) to read the publication and to access researcher videos, web-exclusive articles, and news about related research initiatives.



CONTACT US

Philip M. Sherman, MD, FRCPC
Scientific Director

Mary-Jo Makarchuk, MHSc, RD
Assistant Director - Toronto

Vera Ndaba
Business Officer & Event Planner

Keeley Rose, MSc, PhD
Project Manager

Paul Bélanger, BScN
Assistant Director - Ottawa

Kim Banks Hart
Associate, Strategic Initiatives

Mélanie Bergeron
Project Officer

Denise Haggerty
Administrative Assistant

RESEARCHER PROFILE

Rajavel Elango, PhD, University of British Columbia



Rajavel Elango is an Assistant Professor in the Dept. Pediatrics and School of Population & Public Health at Univ. British Columbia, a scientist at the Child & Family Research Institute, BC Children's Hospital, and an associate member in the Human Nutrition Program in the Faculty of Land and Food Systems. Raja's research program focuses on using state-of-the-art stable isotope techniques for the identification of dietary requirements for protein and amino acids and protein quality of foods

during key stages of growth and development, such as pregnancy and childhood. In January 2014 Raja was the recipient of an INMD Start-Up Grant, which will allow him to assess amino acid metabolism in pregnancy using minimally invasive techniques. This research will provide key data on amino acid nutrition during pregnancy to optimize fetal growth and development. His research is accomplished by collaborations with research institutes located in India, where the focus is to study the impact of undernourishment in children on protein and amino acid needs. Raja received the 2013 Vernon R. Young International Award for Amino Acid research from the American Society for Nutrition.

CIHR PRE-ANNOUNCEMENT

Programmatic Grants in Environments, Genes and Chronic Disease (EGCD)

INMD, in collaboration with the Institutes of Aging, Human Development, Child and Youth Health, and Infection and Immunity, is pleased to announce the upcoming launch of the *Programmatic Grants in Environments, Genes and Chronic Disease (EGCD)* funding opportunity. This funding opportunity, which builds on the [Catalyst Grants in EGCD](#), will provide funding for research addressing the role of environment, microbiome and gene interactions in chronic diseases. The Programmatic Grants in EGCD are part of the [Environments and Health Signature Initiative](#), which will focus on investigating how the physical, social, cultural and built environments in which we live, work, and play are critical to our health, development and well-being over the lifespan.

CIHR FUNDING OPPORTUNITY

Pathways to Health Equity for Aboriginal Peoples: Implementation Research Team Grants – Component 2

[Pathways to Health Equity for Aboriginal Peoples \(Pathways\)](#) is a CIHR Signature Initiative with an overall goal to develop a better understanding of how to design, implement and scale up population health interventions that will improve First Nations, Inuit and Métis health in four exemplar areas: Suicide Prevention, Diabetes/Obesity, Tuberculosis, and Oral Health. **Application deadline: September 15, 2015. Webinar: November 5th at 12pm EDT ([Register here](#))** For more information about this funding opportunity, contact [Sarah Viehbeck](#) or visit the [CIHR website](#).

CIHR NEWS

Canadian Microbiome Workshop 2014: From Research to Applications

The final report for the Canadian Microbiome Workshop 2014: From Research to Applications is now available on the [CIHR Institute of Infection and Immunity website](#).

39TH ANNUAL CANADIAN LIPOPROTEIN CONFERENCE 2014



From left: Drs. Murray Huff (Western Univ.), André Carpentier and Scot Stone

INMD was proud to sponsor the 39th annual Canadian Lipoprotein Conference (CLC), held in Saskatoon, SK from October 2-5, 2014. The Young Investigator Award lecture was presented by Tom Lagace (Univ. Ottawa) and André Carpentier (Univ. Sherbrooke) received the 2014 Physician Scientist Award. The event

showcased the excellent lipoprotein research by researchers and trainees from across Canada. Congratulations to conference Chair, Dr. Scot Stone (Univ. Saskatchewan).

INSTITUTE OF MEDICINE (IOM) ROUNDTABLE ON OBESITY SOLUTIONS



On September 30 2014, the Institute of Medicine (IOM) hosted a public workshop on *Solving Obesity: Everyone's Issue – Cross-Sector Work on Obesity Prevention, Treatment and Weight Maintenance: Models for Change*. The workshop focused on four over-arching considerations for working across sectors to address

obesity: equity, sustainability, leadership, and measurement. Specific case studies provided concrete examples of cross-sector collaborations at the national, local, and community levels. These case studies illustrate the importance of dynamic leadership and how health equity can be tackled in a cross-sector collaboration. The workshop is available for viewing on the [IOM website](#).

The Institute of Nutrition, Metabolism and Diabetes (INMD) supports research to enhance health in relation to diet, digestion, excretion, and metabolism; and to address causes, prevention, screening, diagnosis, treatment, support systems, and palliation for a wide range of conditions and problems associated with hormone, digestive system, kidney, and liver function.

[Subscribe](#) | [Unsubscribe](#) | [Comments](#)