

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

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INMD *Connections*

Message from Philip Sherman, INMD Scientific Director



From left: Phil Sherman, with researchers Laurent Biertho, Geoff Ball, and Johane Allard; patient representative Adrianna O'Regan; Arya Sharma (CON), researcher André Tchernof, and Ian Janssen (CON).

Alberta Health Services Obesity, Diabetes and Nutrition Strategic Clinical Network, Fonds de recherche du Québec–Santé, and the Ontario Ministry of Health and Long-Term Care. I sincerely thank each of the partners for their willingness to collaborate and support this important research. I also wish to provide hearty congratulations to all of the funded researchers and their teams.

Leads for each of the three teams came together at the Canadian Obesity Summit which was held in Toronto April 30 – May 2, 2015 to share information about their research teams, consider collaborations, and begin knowledge translation and exchange activities (pictured left). Thank you to CON for providing an opportunity for the teams to come together at the Summit, and for their ongoing partnership and support. We look forward to sharing the progress and research outcomes arising from each of the three bariatric care teams, which together span all four pillars of health research.

Wishing everyone a wonderful, re-energizing Canadian spring season,

Philip M. Sherman, MD, FRCPC
Scientific Director
CIHR Institute of Nutrition, Metabolism and Diabetes

On April 30, 2015 the Honourable Rona Ambrose, Minister of Health, announced funding of three teams to conduct bariatric care research. Bariatric care includes lifestyle intervention and modification, cognitive and behavioural therapies, pharmacotherapy and surgery, used individually or in combination. The research was funded by CIHR in partnership with the Canadian Obesity Network (CON), Alberta Innovates-Health Solutions,

Team Grant: Bariatric Care

INMD congratulates the following successful applicants who received funding in this competition:

Nominated Principal Investigators	Co-Investigators	Title
ALLARD, Johane GAISANO, Herbert (Univ. Toronto)	BANKS, Kate; COMELLI, Elena; GLOOR, Gregory; HOTA, Susy; JACKSON, Timothy; LOU, Wen-Yi; OKRAINEC, Allan; PHILPOTT, Dana; POUTANEN, Susan	Exploiting the therapeutic effects of the fecal microbiome in bariatric care
BALL, Geoff (Univ. Alberta)	BIRKEN, Catherine; HAMILTON, Jill; HOLT, Nicholas; MASSE, Louise; MORRISON, Katherine Mary; HANNING, Rhona; JOHNSON, Jeffrey; THIRSK, Jayne; ANDERSON, Laura; BUCHHOLZ, Annick; CARLSLEY, Sarah; CHANOINE, Jean-Pierre; CORDEIRO, Kristina; DETTMER, Elizabeth; FORHAN, Mary; HADJIYANNAKIS, Stasia; HAINES, Jess; HO, Josephine; LEGAULT, Laurent; LUCA, Paola; MAGUIRE, Jonathon; MAXIMOVA, Katerina; MCPHERSON, Amy; PARKIN, Patricia; PEREZ, Arnaldo; SPRAGUE, Ann; TOULANY, Alene; TREMBLAY, Mark; TU, Karen	Team to Address Bariatric Care in Canadian Children (Team ABC3)
TCHERNOF, André BIERTHO, Laurent RICHARD, Denis (Laval Univ.)	BOUVIER, Michel; CANI, Patrice; CARPENTIER, André; DAGHER, Alain; FERGUSON, Alastair; FULTON, Stephanie; KIEFFER, Timothy; LAFERRERE, Blandine; LEVY, Emile; MARETTE, André; PICARD, Frédéric; SCHERTZER, Jonathan; VOHL, Marie-Claude	Determinants of metabolic recovery following bariatric surgery in individuals with type 2 diabetes mellitus

RESEARCHER PROFILE

Darren Yuen, MD, PhD, FRCPC University of Toronto, KRESCENT New Investigator



Darren Yuen is an Assistant Professor at the University of Toronto, based at St. Michael's Hospital. He received his training at the University of Toronto. Darren's clinical interest is in kidney transplantation and his research focuses on the development of new ways to better diagnose and treat kidney scarring, which is a major cause of chronic renal

failure. He was recently a featured new investigator speaker at the Canadian Society of Nephrology (CSN) Annual Meeting held in Montreal in April 2015. Darren is supported by the Kidney Research Scientist Core Education and National Training Program (KRESCENT): first as a postdoctoral fellow and, more recently, as a New Investigator. He also currently holds operating grants from the CIHR, Natural Sciences and Engineering Research Council of Canada (NSERC), the Kidney Foundation of Canada, and the J.P. Bickell Foundation.

International Development Research Centre (IDRC) - Call for Concept Notes

Research on food system policies and market innovations for non-communicable disease prevention

This call is being launched by IDRC's Food, Environment and Health program. The aim of the call is to reduce and prevent malnutrition and food-related chronic illnesses, in ways that are environmentally sustainable. The main objective is to explore and understand public policy interventions and market innovations that improve the quality and diversity of food and enable adoption of healthy and sustainable diets among vulnerable populations. This initiative will focus on public policy interventions on food systems to impact healthy and sustainable diets and development and/or scaling up of market innovations for changing local and national food systems in ways that impact healthy and sustainable diets. **Submission deadline: Friday, July 3, 2015.** For more information, including eligibility requirements, visit the [IDRC website](http://www.idrc.ca) or email: feh@idrc.ca.

Call for proposals: Biobank of the Canadian Health Measures Survey

Statistics Canada is inviting researchers to apply for access to blood, urine and DNA samples from the Biobank of the Canadian Health Measures Survey (CHMS) for use in health studies. The biospecimens are available to any Canadian researcher that completes a review process and would benefit from a national population survey of about 5,600 participants per collection cycle. Visit the [Biobank section](#) of the CHMS website for more information.

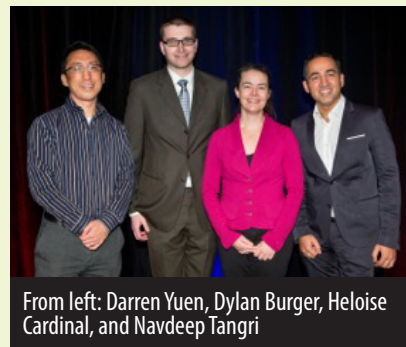
Research & Funding Opportunities

Have you identified a new genetic disease or work on a genetic disease which would merit further research in a model organism? If so, please consult [The Rare Diseases: Models & Mechanisms Network](#) for funding and collaboration opportunities.

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.

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Canadian Society of Nephrology Annual Meeting



From left: Darren Yuen, Dylan Burger, Heloise Cardinal, and Navdeep Tangri

INMD was pleased to participate at the Canadian Society of Nephrology (CSN) annual general meeting which was held April 23-25, 2015 in Montreal, Quebec.

The meeting brought together over 400 researchers, clinicians, trainees, patients, and relevant stakeholders

for an exciting schedule of talks, debates, poster presentations, and networking. The meeting prominently featured the research of new investigators. Four Kidney Research Scientist Core Education and National Training Program (KRESCENT) supported New Investigators, Drs. Navdeep Tangri (Univ. Manitoba), Darren Yuen (Univ. Toronto), Dylan Burger (Ottawa Hospital Research Institute, Univ. Ottawa), and Heloise Cardinal (Centre Hospitalier de l'Université de Montréal, Univ. Montreal), delivered thought-provoking Ted-talk-style presentations highlighting their kidney disease research.

The meeting also highlighted the career contributions of Dr. Adeera Levin (Univ. British Columbia) who received the [2014 Kidney Foundation of Canada Medal of Research Excellence](#).

CONTACT US

Philip M. Sherman, MD, FRCPC
Scientific Director

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

Vera Ndaba
Business Officer & Event Planner

Keeley Rose, MSc, PhD
Project Manager

Kim Banks Hart, MA
Interim Assistant Director - Ottawa

Mélanie Bergeron
Project Officer

Denise Haggerty
Administrative Assistant