MESSAGE FROM THE DIVISION DIRECTOR – Dr. Gary Lewis

How do we and should we define excellence in research and teaching?

The most objective measure of research excellence is the scientist’s publication record, as assessed by key performance parameters such as citations, impact factor, h-index, online page hits and other proposed measures. Many scholarly articles have addressed the strengths and weaknesses of each of these measures and I do not intend to do that in this brief director’s message. The evaluation currency of the clinician teacher is the teaching evaluation score provided by trainees, as well as teaching awards. Teaching evaluation scores have their own limitations, which are well known and have also been widely considered and evaluated. Despite their well-recognized limitations, these parameters are still the most widely used measures of research and teaching performance and are utilized by departments and research institutes to make important decisions such as recruitment, promotion, retention, resource allocation and remuneration. Hospital and university division and department heads and those serving on awards, grants, 3-year review and promotion committees are well advised to utilize these ‘objective’ measures of performance. What follows, however, are comments about evaluation that are less objective, difficult to measure but which should also be taken into account when evaluating performance.

First with respect to teaching awards, which are certainly not to be discounted and are definitely one measure of teaching excellence, many are of the opinion that awards tend to be overemphasized in the evaluation of the teacher. I share that viewpoint. Personalized comments by trainees during the process of teaching evaluation are extremely valuable and both the evaluator and the teacher should pay attention to them. Nominations for teaching awards can be solicited by faculty members whereas spontaneously provided comments from trainees are not. The mass and consistency of comments provides a very telling picture of sustained excellence in teaching. Fortunately in most cases those who are honoured with teaching awards also have a consistently high flow of very positive comments on their teaching evaluations, but the converse is not always true. There are a number of teachers in our division who have a consistently high flow of positive comments but who are not honoured with teaching awards. These individuals are not self-promoting and need a lot of coaxing to be more proactive in drawing to the attention of their division and department heads the fact that they may be an appropriate nominee for one or other teaching award. We encourage these teachers to be proactive in this respect.

Second, with respect to research productivity, the validated parameters mentioned above all miss very important aspects of research performance, ie with the passage of time were the findings reproduced and validated by others and what is their true relevance to and impact on human health and disease? This is only partially captured by lifetime citations. There are numerous examples of flashy, high impact publications that are subsequently proven to be outright wrong or prove to have little bearing on important aspects of health. Conversely, there are many examples of scientists who make a major lifetime contribution to a field by consistently publishing high quality work in journals that do not have top ranking impact factors. It is well appreciated that ‘negative’ or unremarkable experimental results are more difficult to publish, particularly in high impact journals. Nevertheless, the well-designed experiment that tests an interesting hypothesis, utilizing state-of-the-art methodologies, can be every bit as important in advancing our understanding of health and disease and should not be regarded as ‘negative’. A number of examples come to mind of particular scientists with very high h-factors who have been frequently wrong in many of their studies. In conclusion, the cumulative impact factor tells only part but not the entire story. One needs to look beyond these parameters to identify the non-self-promoting scientist who is thoughtful, honest, who pays meticulous attention to experimental detail and who does not overstate their experimental findings.

http://endocrinology.webservices.utoronto.ca/Newsletter/Newsletter_April_2013.htm
**OTHER DIVISIONAL NEWS**

**New Appointments**

Dr. Julia Lowe appointed Head of the Division of Endocrinology, Sunnybrook Health Sciences Centre

Dr. Ilana Halperin appointed Assistant Professor, Clinician in Quality and Innovation, Sunnybrook Health Sciences Centre

Division of Endocrinology July 2013

Dr. Sheila Laredo has been appointed by our Board of Directors at Women’s College Hospital as Chief of Staff. She will assume this position on February 19.

Dr. Dan Winer cross appointed to the Division of Endocrinology, U of T

**University of Toronto/Toronto Central Health Region Thyroid Interest Group – Dr. Anna Sawka**

In October of 2010, a small group of University of Toronto Endocrinologists from hospitals (including Mount Sinai Hospital, St. Michael’s Hospital, Sunnybrook Health Sciences Centre, University Health Network (UHN), and Women’s College Hospital), met for the first time to found a University of Toronto Thyroid Interest Group. The mission of this group is as follows: a) to foster and support excellence in research, clinical care, multi-level education, and knowledge translation activities related to thyroid disorders, including thyroid neoplasia, b) to advocate for thyroid patients, and c) to foster cross-disciplinary, cross-institutional collaboration of thyroid specialty physicians and surgeons to meet these goals. Our group has continued our dynamic collaborative efforts, and extended our networking to include other specialists as well as interest groups, through joint and individual member-driven initiatives. Some examples of recent initiatives are described below.

**Regional Knowledge Translation Initiative to Promote Evidence-Based Care in the Field of Thyroid Neoplasia**

On January 11, 2012, an evening knowledge translation and open discussion on primary management of differentiated thyroid cancer (ie. surgery and adjuvant radioactive iodine treatment) was hosted by Drs. A. Sawka, J. Irish, and D. Goldstein, and attended by a total of 38 individuals from the region of interest, including those from the following specialties: head and neck surgery, endocrinology, radiation oncology, medical imaging, and hospital administration. The event was funded by Cancer Care Ontario and the Canadian Institutes of Health Research (FRN 238528, CIHR, Meetings, Planning, and Dissemination Grant: Knowledge Translation).

A second, small group, in-depth knowledge translation and discussion session was held on the evening of October 25, 2012, which consisted of an in-depth review of medical evidence, and discussion of consideration of a possible regional radioactive iodine (RAI) treatment policy for low risk differentiated thyroid cancer. This meeting was supported by the Canadian Institutes of Health Research (Meetings, Planning and Dissemination Grant: Knowledge Translation, FRN 238528) and Cancer Care Ontario. The hospitals represented at the meeting included: Mount Sinai Hospital, St. Joseph’s Hospital, St. Michael’s Hospital, Sunnybrook Health Sciences Centre, Toronto East General Hospital, University Health Network (UHN), and Women’s College Hospital; multiple medical and surgical specialties were represented.

**Regional Initiative to Promote Thyroid/Thyroid Neoplasia Research**

We have been awarded a 2-year research grant from the University of Toronto, Department of Medicine, through the Strategic Planning Innovation Fund, to promote collaboration between University of Toronto hospital sites to advance thyroid/thyroid neoplasia research. The primary investigator on this grant is Dr. Anna Sawka (UHN), and co-investigators are (in alphabetical order): Dr. Alice Cheng (St. Michael’s Hospital and Credit Valley Hospital), Dr. Jeremy Gilbert (Sunnybrook Health Sciences Centre), Dr. Jeanette Goguen (St. Michael’s Hospital), Dr. Catherine Kelly (Women’s College Hospital), and Dr. Phillip Segal (Mount Sinai Hospital and UHN).

**Contact:** Anna M. Sawka, MD, PhD, FRCP
Cancer Care Ontario Health Services Research Chair,
Associate Professor, University Health Network and University of Toronto

**E-mail Address:** Annie.Sawka@uhn.ca

**Development and Testing of a Patient-Directed Computerized Decision Aid on the Choice of Radioactive Iodine Remnant Ablation or No Ablation in Early Stage Papillary Thyroid Cancer (list of some recent publications):**


Rene Wong and Catherine Yu – Awarded the 2011-2012 Interprofessional Education (IPE) Team Continuing Education Award of the University of Toronto Faculty of Medicine. The selection committee was particularly impressed by the strong curricular design, the KTA framework, and the rigorous and thoughtful evaluation process.

Susan George - Awarded the 2013 Heinz Lehmann Award from the CCNP (Canadian College of Neuropsychopharmacology). It is their highest award given to recognize outstanding contributions by a single individual in the field of research in neuropsychopharmacology in Canada and will be presented at the annual meeting in May.

Minna Woo – Awarded a Tier 2 Canada Research Chair in Signal Transduction in Diabetes Pathogenesis

Julia Lowe, Gary Sibbald and Brian Ostrow - for the Guyana Diabetes and Foot Care project won the 2013 Best Research from a Developing Country award of the Journal of Wound Care

Dr. Mladen Vranic - received an Honorary Degree, Doctor of Science, from McMaster University

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<th>University Health Network (Toronto)</th>
<th>Operating Grant</th>
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<th>Fibroblast Growth Factor Receptor 4 in Endocrine Homeostasis</th>
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<td>Understanding the effects of social, behavioural and metabolic factors on early childhood growth trajectories among Aboriginal Canadians</td>
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<td>CNS nutrient sensing and the regulation of lipid, glucose and energy homeostasis</td>
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<td>MATTHEWS, Stephen G</td>
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<td>Operating Grant</td>
<td>201209 CIA</td>
<td>Transgenerational Effects of Antenatal Glucocorticoid Treatment: Mechanisms of Programming</td>
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<tr>
<td>RAY, Joel G</td>
<td>St. Michael's Hospital (Toronto)</td>
<td>Operating Grant</td>
<td>201209 CIA</td>
<td>Abdominal visceral fat measured in early pregnancy as a novel and practical early predictor of gestational diabetes mellitus</td>
<td>$176,090</td>
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**JDRF**

Bruce Perkins: Title of Proposal: Creation of the "Canadian 50-Year Medalist Cohort"

JDRF Grant Number: 17-2013-312

Total: Up to $802,224.00 (2013 to 2016)

**MEETINGS**

**BBDC Diabetes Update 2013**

There is still time to register for Diabetes Update 2013 which will be held on Friday, April 12, 2013 at the Metro Toronto Convention Centre. This biennial, full-day continuing health education event attracts over 500 diabetes health professionals such as physicians, dietitians, nurses, pharmacists, diabetes educators, medical residents and students, and other allied health care professionals from across Ontario. This year's course will address ways providers can incorporate the most recent scientific evidence into practice. Topics will include: early combination treatment for diabetes; practical approaches to patients with diabetes with high insulin requirements; diabetes and kidney disease; strategies for elderly patients with diabetes, case studies in insulin pump therapy, and more. Visit the course website to view the complete program and to register online: [http://sites.cepdtoronto.ca/diabetesupdate/](http://sites.cepdtoronto.ca/diabetesupdate/).

**BBDC 24th Annual Scientific Day – for BBDC members**

Registration is now open for our 24th Annual Scientific Day to be held on Friday, May 10, 2013 at the Old Mill Inn, Toronto. This year's Charles Hollenberg Memorial Lectureship will be delivered by Dr. David Mangelsdorf, University of Texas Southwestern Medical Center. The program will also include Drs. Andrew Advani, Satya Dash, Amira Klip, Cristina Nostro, and Bruce Perkins. BBDC postdoctoral fellowship and graduate studentship recipients, as well as selected Annual Trainee Awards Competition abstract submitters will present posters of their work. Dr. Randy Levinson, Senior Editor of Nature Medicine and Dr. Herbert Gaisano will co-judge ten pre-selected posters for the Annual Trainee Awards competition. This annual event is open and free of charge to BBDC members, their trainees, and U of T endocrine residents. Registration is required by April 26. Faculty at nearby universities may attend for a fee. Please see our website for the complete program and registration information at [http://www.bbdc.org/educationalAct/scientificDay.htm](http://www.bbdc.org/educationalAct/scientificDay.htm).

**Heart and Stroke/Richard Lewar Centre of Excellence Annual Cardiovascular Scientific Day**

Thursday, April 18, 2013

7:30 a.m. to 5:00 p.m.

Toronto Reference Library, Bram & Bluma Appel Salon

789 Yonge Street, Toronto, ON

[TOP]
This year the theme is Diabetes and Heart Disease. The poster abstract submission deadline is April 5, 2013, and the deadline for online registration is April 12, 2013. For the complete program and poster abstract form, please see http://www.hsrhc.com/Events/AnnualCardiovascularScientificDay.aspx. Online registration is available at http://www.hsrhc.com/Events/AnnualCardiovascularScientificDay/ScienceDayRegistration.aspx. For more information, please contact hsrl.centre@utoronto.ca.

1st Annual NeuroMetabolic Club Meeting May 20-21, 2013
Marriott Eaton Centre
525 Bay Street, Toronto, Ontario

The keynote speaker for the meeting is Michael Schwartz, MD, Professor and Director of the Diabetes and Obesity Center of Excellence at the University of Washington. Registration, abstract submission, and participation is free thanks to the sponsorship of Eli Lilly Canada. The meeting will begin at 5 p.m. on Monday, May 20 with a meet-and-greet cocktail followed by Dr. Schwartz’s lecture and banquet dinner. The meeting will end at approximately 4:30 p.m. on Tuesday, May 21. Venue details to be determined (will be either at the site of the Canadian Association for Neuroscience meeting or nearby). Please register and submit abstracts online at: http://www.formstack.com/landing/13046. The goal is to have trainees from each lab give an oral presentation. Oral sessions will be organized around research themes and there will be a $100 prize presented during each session. For more information, please contact info.neuroclub@gmail.com.

5th Islet Society Meeting July 14-16, 2013
Vancouver, Canada

Islet Society 2013 will showcase multiple state-of-the-art areas in islet biology. Everyone will have the opportunity to present their work, either in oral or poster presentations. This meeting will be an intimate venue for networking and sharing, with mix of talks from trainees and established investigators. Visit http://www.isletsociety2013.com today to: 1) Register for the meeting, 2) Submit an abstract, and 3) Book your accommodation. Stay tuned to the website for program updates and follow us on Twitter @IsletSociety13. For more information, please contact IsletSociety2013@gmail.com.

73rd American Diabetes Association (ADA) Annual Scientific Sessions
June 21-25, 2013, McCormick Place, Chicago, IL

ENDO 2013, The Endocrine Society’s 95th Annual Meeting and Expo
June 15th to 18th, 2013, San Francisco
http://www.endo-society.org/endo2013/index.cfm

16th Annual CDA/CSEM/Vascular 2013
16th to 19th October, 2013. Montreal, Quebec

49th European Association for the Study of Diabetes (EASD)
23rd to 27th September, Barcelona, Spain http://www.easd2013.com/

DIVISION MEMBER PROFILE
Ilana Halperin MD FRCP

Ilana was born in Calgary Alberta but spent most of her childhood in Toronto. She attended Undergrad at McGill University and graduated from Medical School at The University of Western Ontario in 2007. She followed this by three years of Internal Medicine at The University of Toronto and is now in her last year of Endocrinology and Metabolism. She is currently enrolled in the inaugural class of the Masters of Science Concentration in Quality Improvement and Patient Safety through IHPME at UofT. She is also part of the inaugural UofT Veterans’ Affairs Quality Scholars Program- a bi weekly videoconference series where students interact with like-minded fellows from across the United States to learn about and share their progress in quality improvement and patient safety. In July, Ilana will be joining the Division of Endocrinology at Sunnybrook Health Sciences Center in the role of Clinician in Quality and Innovation. This new job description in the University of Toronto’s Department of Medicine was created to encourage physicians to devote a significant amount of their non-clinical activities to quality improvement, patient safety and innovative models of care. Ilana’s previous quality work focused on inpatient management of diabetes, specifically Insulin administration errors; her work at St Michael’s Hospital won her the University of Toronto’s Resident Award for Excellence in Quality Improvement. Her current project focuses on improving post partum screening for diabetes in women who had pregnancies affected by gestational diabetes. She will be taking over the chair of the diabetes in-patient committee at Sunnybrook Hospital in 2013 and will continue to focus on safe and effective management of diabetes in hospital as well as improving transitions of care from the hospital to the community setting. Ilana will also be teaching about quality improvement to the undergraduate medical students during the transition to clerkship and transition to residency courses. Through the Banting and Best Diabetes Center, she hopes to work collaboratively with all members of the division and affiliated allied health team members to improve the quality of care we provide to our patients with diabetes.

Outside of work life Ilana enjoys traveling with her husband Noah Ivers, a family physician and health services researcher at Women’s College Hospital. Together they have ventured to Asia, Australia, South America and Europe and plan to go to Africa in 2014. The newest addition to the family, Cooper Paul, was born while Ilana was a PGYS, his greatest achievements to date include eating (check out his rolls!), sleeping (that took some work!), crawling and completing Ilana and Noah’s lives. Here is a pic from a family road trip this summer that included a stop in Rhode Island for a wedding.

[TOP]
JOURNAL ARTICLES
Publications of Primary appointees. Sept 16th 2012 to March 15th 2013

Select item 234783271.
Emerging combinatorial hormone therapies for the treatment of obesity and T2DM.
Sadry SA, Drucker DJ.
PMDI:
23478327
[PubMed - as supplied by publisher]
Related citations
Select item 234780792.
Heterogeneity in Skeletal Load Adaptation Points to a Role for Modeling in the Pathogenesis of Osteoporotic Fracture.
PMDI:
23478079
[PubMed - as supplied by publisher]
Related citations
Select item 234722313.
Iodine Radioisotope Diagnostic Scanning With SPECT/CT After Thyroidectomy for Thyroid Cancer: Essential Data or Unnecessary Investigation?
Sawka AM.
PMDI:
23472231
[PubMed - in process]
Related citations
Select item 234652845.
Identification and Management of Patients at Elevated Cardiometabolic Risk in Canadian Primary Care: How Well Are We Doing?
PMDI:
23465284
[PubMed - as supplied by publisher]
Related citations
Select item 234521646.
Prospective Association of 25(OH)D with Metabolic Syndrome.
PMDI:
23452164
[PubMed - as supplied by publisher]
Related citations
Select item 234481978.
Newer insulin analogs: advances in basal insulin replacement.
Zinman B.
PMDI:
23448197

http://endocrinology.webservices.utoronto.ca/Newsletter/Newsletter_April_2013.htm
Lecithin cholesterol acyltransferase deficiency protects from diet-induced insulin resistance and obesity—novel insights from mouse models.
PMID: 23374720

Disparities in attendance at diabetes self-management education programs after diagnosis in Ontario, Canada: a cohort study.
PMID: 23360373

Duration of rise in free fatty acids determines salicylate's effect on hepatic insulin sensitivity.
PMID: 23328071

Secretome proteins as candidate biomarkers for aggressive thyroid carcinomas.
PMID: 23319340

HDL—is it too big to fail?
PMID: 23318230

D(5) dopamine receptor carboxyl tail involved in D(5)-D(2) heteromer formation.
PMID: 23318175

Postnatal maternal deprivation and pubertal stress have additive effects on dopamine D2 receptor and CaMKII beta expression in the striatum.
PMID: 23313435

Similarities and differences in cardiometabolic risk factors among remote Aboriginal Australian and Canadian cohorts.
PMID: 23312484

Related citations
Select item 233747209.

Related citations
Select item 2336037310.

Related citations
Select item 2332807111.

Related citations
Select item 2331934012.

Related citations
Select item 2331823013.

Related citations
Select item 2331817514.

Related citations
Select item 2331343515.

Related citations
Select item 2331248416.

Related citations
Select item 2331817514.
Select item 2318317625.

GLP-1 receptor activation indirectly reduces hepatic lipid accumulation but does not attenuate development of atherosclerosis in diabetic male ApoE(−/−) mice.
PMID: 23183176
[PubMed - indexed for MEDLINE]
Related citations

Select item 2316273626.

Noninvasive glucose detection in human skin using wavelength modulated differential laser photothermal radiometry.
Guo X, Mendels A, Zinman B.
PMID: 23162736
[PubMed]
Free PMC Article
Related citations

Select item 2316052727.

Liver-Specific Disruption of the Murine Glucagon Receptor Produces α-Cell Hyperplasia: Evidence for a Circulating α-Cell Growth Factor.
PMID: 23160527
[PubMed - as supplied by publisher]
Related citations

Select item 2315331028.

Immunohistochemical analysis based Ep-ICD subcellular localization index (ESLI) is a novel marker for metastatic papillary thyroid microcarcinoma.
Kunavisarut T, Kak I, Macmillan C, Ralhan R, Walfish PG.
PMID: 23153310
[PubMed - in process]
Free PMC Article
Related citations

Select item 2315049329.

Susceptibility to fatty acid-induced β-cell dysfunction is enhanced in prediabetic diabetes-prone biobreeding rats: a potential link between β-cell lipotoxicity and islet inflammation.
PMID: 23150493
[PubMed - indexed for MEDLINE]
Related citations

Select item 2314862530.

Activated leukocyte cell adhesion molecule is a marker for thyroid carcinoma aggressiveness and disease-free survival.
Chaker S, Kak I, Macmillan C, Ralhan R, Walfish PG.
PMID: 23148625
[PubMed - in process]
Related citations

Select item 2310722031.

A randomized, double-blind, controlled trial evaluating the effect of intranasal insulin on neurocognitive function in euthymic patients with bipolar disorder.
PMID: 23107220
[PubMed - in process]
Related citations

Select item 2307539132.

Progression through diabetes therapies among new elderly users of metformin: a population-based study.
Gomes T, Juurlink DN, Shah BR, Hellings CR, Paterson JM, Mamdani MM.
PMID:
A purpose-synthesised anti-fibrotic agent attenuates experimental kidney diseases in the rat.


**PMID:**
23071743

[PubMed - in process]

**Related citations**

Related search terms:

- Newsynbolic anti-fibrotic agent attenuates experimental kidney diseases.
- Fibrosis, kidney, experimental.
- Kidney disease, experimental.

Related items:

- Free PMC Article
- Related citations

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Soluble FLT1 binds lipid microdomains in podocytes to control cell morphology and glomerular barrier function.


**PMID:**
23063127

[PubMed - indexed for MEDLINE]

**Related citations**

Related search terms:

- FLT1, podocytes, glomerular barrier.
- Soluble FLT1, lipid microdomains.
- Kidney, cell morphology.

Related items:

- Free PMC Article
- Related citations

---

Healthcare, self-care, and health status of immigrants and non-immigrants with type 2 diabetes in the Canadian Community Health Surveys.

**Grant RC**, *Retnakaran RR*.


**PMID:**
23058475

[PubMed - in process]

**Related citations**

Related search terms:

- Diabetes, type 2, healthcare, self-care.
- Immigrants, non-immigrants, health status.

Related items:

- Free PMC Article
- Related citations

---

Impact of maternal physical activity and infant feeding practices on infant weight gain and adiposity.

**Chu L**, *Retnakaran R*, *Zinman B*, Hanley AJ, Hamilton JK.


**PMID:**
23056043

[PubMed]

**Free PMC Article**

**Related citations**

Related search terms:

- Maternal health, physical activity.
- Infant feeding practices, weight gain.

Related items:

- Free PMC Article
- Related citations

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An Epi-ICD based index is a marker of aggressiveness and poor prognosis in thyroid carcinoma.


**PMID:**
23049733

[PubMed - in process]

**Free PMC Article**

**Related citations**

Related search terms:

- Thyroid carcinoma, aggressiveness.
- Prognosis, cancer.

Related items:

- Free PMC Article
- Related citations

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Insulin degludec versus insulin glargine in insulin-naive patients with type 2 diabetes: a 1-year, randomized, treat-to-target trial (BEGIN Once Long).


**PMID:**
23043166

[PubMed - in process]

**Related citations**

Related search terms:

- Insulin, type 2 diabetes.
- Treatment, once-long.

Related items:

- Related citations

---

Gestational diabetes mellitus and pregnancy outcomes among Chinese and South Asian women in Canada.

**Mukerji G**, *Chiu M*, *Shah BR*.


**PMID:**
23039093

[PubMed - in process]

**Related citations**

Related search terms:

- Gestational diabetes.
- Pregnancy outcomes, Chinese, South Asian.

Related items:

- Related citations

---

Can ultrasound of the tibial nerve detect diabetic peripheral neuropathy? A cross-sectional study.


**PMID:**
23033242

**Related citations**

Related search terms:

- Ultrasound, tibial nerve.
- Diabetic peripheral neuropathy.

Related items:

- Related citations
The rationale of patients with early-stage papillary thyroid cancer for accepting or rejecting radioactive iodine remnant ablation.


PMID: 23009127

The eNOS deficiency predisposes podocytes to injury in diabetes.


PMID: 22997257

Unwalkable neighborhoods, poverty, and the risk of diabetes among recent immigrants to Canada compared with long-term residents.


PMID: 22988302

The breast cancer susceptibility gene product fibroblast growth factor receptor 2 serves as a scaffold for regulation of NF-κB signaling.


PMID: 22988296

Reduced striatal dopamine D1-D2 receptor heteromer expression and behavioural subsensitivity in juvenile rats.


PMID: 22986162

Maternal pregravid weight is the primary determinant of serum leptin and its metabolic associations in pregnancy, irrespective of gestational glucose tolerance status.


PMID: 22948759
Area-under-the-HbA1c-curve above the normal range and the prediction of microvascular outcomes: an analysis of data from the Diabetes Control and Complications Trial.
Maple-Brown LJ, Ye C, Retnakaran R.

Activation of enteroendocrine membrane progesterone receptors promotes incretin secretion and improves glucose tolerance in mice.
Flock GB, Cao X, Maziarz M, Drucker DJ.

Adverse cardiovascular events during treatment with glyburide (glibenclamide) or gliclazide in a high-risk population.
Juurlink DN, Gomes T, Shah BR, Mamdani MM.

Calcium builds strong bones, and more is better—correct? Well, maybe not.
Jamal SA, Moe SM.

A physiological role for the dopamine D5 receptor as a regulator of BDNF and Akt signalling in rodent prefrontal cortex.
Perreault ML, Jones-Tabah J, O'Dowd BF, George SR.

Mechanisms of incretin effects on plasma lipids and implications for the cardiovascular system.
Xiao C, Dash S, Lewis GF.

Waiting for thyroid surgery: A study of psychological morbidity and determinants of health associated with long wait times for thyroid surgery.

Universal drug coverage and socioeconomic disparities in major diabetes outcomes.
Booth GL, Bishara P, Lipscombe LL, Shah BR, Feig DS, Bhattacharyya O, Bierman AS.

Mechanisms of incretin effects on plasma lipids and implications for the cardiovascular system.
Xiao C, Dash S, Lewis GF.
Biomarkers of aggressive pituitary adenomas.
Mete O, Ezzat S, Asa SL.
PMID: 22822048
[PubMed - indexed for MEDLINE]
Free Article
Related citations
Select item 2246156958.
Higher breastfeeding intensity associated with improved postpartum glucose metabolism in women with recent gestational diabetes.
Borgoño CA, Retnakaran R.
PMID: 22461569
[PubMed - in process]
Related citations
Select item 2239787859.
Altering source or amount of dietary carbohydrate has acute and chronic effects on postprandial glucose and triglycerides in type 2 diabetes: Canadian trial of Carbohydrates in Diabetes (CCD).
Wolever TM, Gibbs AL, Chiasson JL, Connelly PW, Josse RG, Leiter LA, Maheux P, Rabasa-Lhoret R, Rodger NW, Ryan EA.
PMID: 22397878
[PubMed - in process]
Related citations
Select item 235039671.
Maternal perinatal diet induces developmental programming of bone architecture.
PMID: 23503967
[PubMed - in process]
Related citations
Select item 234992432.
Atypical antipsychotics and effects of adrenergic and serotonergic receptor binding on insulin secretion in-vivo: An animal model.
Guenette MD, Giacca A, Hahn M, Teo C, Lam L, Chintoh A, Arenovich T, Remington G.
PMID: 23499243
[PubMed - as supplied by publisher]
Related citations
Select item 234866893.
Cohen M, Bartels U, Branson H, Kulkarni AV, Hamilton J.
Neuro Oncol. 2013 Mar 13. [Epub ahead of print]
PMID: 23486689
[PubMed - as supplied by publisher]
Related citations
Select item 234825944.
Autonomic nervous system balance in children and adolescents with craniopharyngioma and hypothalamic obesity.
Cohen M, Syme C, McCrindle B, Hamilton J.
PMID: 23482594
[PubMed - as supplied by publisher]
Related citations
Select item 234753665.
GRP78 overproduction in pancreatic beta cells protects against high-fat-diet-induced diabetes in mice.
Teodoro-Morrison T, Schuiki I, Zhang L, Belsham DD, Volchuk A.
Diabetologia. 2013 Mar 9. [Epub ahead of print]
PMID: 23475366
[PubMed - as supplied by publisher]


**Related citations**
Select item 234660716.

**Inhibition of sphingolipid synthesis improves dyslipidemia in the diet-induced hamster model of insulin resistance: Evidence for the role of sphingosine and sphinganine in hepatic VLDL-apoB100 overproduction.**
PMID: 23466071
[PubMed - as supplied by publisher]

**Prospective Association of 25(OH)D with Metabolic Syndrome.**
Kayaniyil S, Harris SB, Retnakaran R, Vieth R, Knight JA, Gerstein HC, Perkins BA, Zinman B, **Hanley AJ**.
PMID: 23452164
[PubMed - as supplied by publisher]

**Impaired Fasting Glucose and Impaired Glucose Tolerance Have Distinct Lipoprotein and Apolipoprotein Changes: The Insulin Resistance Atherosclerosis Study.**
J Clin Endocrinol Metab. 2013 Feb 28. [Epub ahead of print]
PMID: 23450048
[PubMed - as supplied by publisher]

**UCP2 Regulates the Glucagon Response to Fasting and Starvation.**
Diabetes. 2013 Feb 22. [Epub ahead of print]
PMID: 23434936
[PubMed - as supplied by publisher]

**Amelioration of Hypoglycemia via Somatostatin Receptor Type 2 Antagonism in Recurrently Hypoglycemic Diabetic Rats.**
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