



NEWSLETTER OCTOBER 2014

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Academia-industry relations in Endocrinology and beyond – a new era

Very significant changes have occurred over the past decade in the relationship between the medical profession, and in particular those working in academic institutions, and the pharmaceutical industry. A series of ever more stringent guidelines and regulations have been introduced governing this relationship, most of which have been voluntarily self-imposed by the industry itself as well as professional organizations, universities and academic hospitals. As you know by now the Faculty of Medicine, University of Toronto has created its own guidelines <http://www.deptmedicine.utoronto.ca/AssetFactory.aspx?mode=download&did=2593>. I do not intend to review or focus on the specifics of those guidelines here. Suffice it to say that we are all relieved that unsavoury practices of the past, with their terrible optics and concerning implications for patient care, have mostly been corrected, although abuses continue to occur. I do however want to speak about the next phase of our relationship with industry as we move forward. I respect the fact that my opinions may or may not be shared by all members of the division. We each have our own style and comfort level in interacting with industry.

As a researcher, prescribing physician and expert in a niche area as well as in my roles as Director of the Division of Endocrinology and BBDC, I have many interactions with the pharmaceutical industry. My **first point** and strong opinion, therefore, is that it is critically important for Academia and Industry to develop strong relationships and to interact at many levels. Those in favour of shunning the pharmaceutical industry, resulting in non-interaction between two solitudes, miss numerous opportunities to enhance patient care by contributing to high quality educational programs, research into new devices and treatments, enhancing the education of professionals working in the pharmaceutical industry itself, providing useful, non-biased advice to pharmaceutical companies in their research, development and even in their marketing programs, benefiting from their knowledge and working together to enhance our academic programs. My **second point** is that as physicians we are powerless to improve patient care without tools (devices and drugs). Imagine trying to lower LDL-c without statin drugs, lower BP without antihypertensives, etc. We would be as powerless as we are today in treating obesity, in which we currently have no effective, safe, durable treatments other than bariatric surgery. Pharmaceutical companies invest millions of dollars in R&D but they need to interact with professionals outside their organizations. We need to give credit where credit is due and where possible feel very comfortable participating in the R&D process. **Third**, pharmaceutical companies invest millions of dollars every year in continuing health education and professional development. Over the past 24 years since my first appointment at U of T, I am proud of having contributed to the education of fellow professionals in the diabetes and hyperlipidemia therapeutic areas. I have very strict rules and self-imposed lines which I try never to cross. I openly declare my conflict of interest, I am very selective in the programs I participate in (I turn down dozens of invitations every year), I never promote specific therapies and I clearly differentiate my role as educator from that of the sales staff of pharmaceutical companies. Promotion can be done in subtle (actually usually not so subtle) ways; I never highlight specific therapeutics or clinical trials that focus on a particular agent. I am most proud when I receive feedback along the lines of 'that was one of the most useful and valuable learning experiences and so refreshing to have been completely unbiased'. **Forth** – particularly in my role as Director of the Banting and Best Diabetes Centre I am engaged in very large fundraising, a sizeable proportion of which is from the pharmaceutical industry. We continue to enhance our academic programs with the generous support of industry partners. We are very careful not to have any 'strings attached' and at times we have been known to walk away from a potential million dollar donation if we feel uncomfortable with the terms of that donation. I am extremely grateful to those companies that have had the vision to invest in the really meaningful work that we do to tackle the diabetes epidemic. These investments by industry do not have a direct return on investment (ROI), instead they bring added value to the company's profile as a responsible partner in health care. For example we have received millions of dollars in the form of Chairs, Professorships, Knowledge Translation Program,

Director of Diabetes Education, professional conferences, studentships, fellowships and peer-reviewed funding programs.

My overall message therefore, is that close interaction between our Division and the Pharmaceutical industry, providing it is managed in a highly ethical fashion, is of great mutual benefit and should be encouraged. We can comfortably move into a new era of academia-industry relations but should never lose site of the potential for these relationships to get derailed and revert back to some of the embarrassing abuses of the past.

Gary Lewis
Director, Division of Endocrinology, U of T

HONORS AND AWARDS ANNOUNCED IN THE PAST 6 MONTHS (SINCE SPRING NEWSLETTER)

Teaching Awards:

Jackie James – recipient of the 2014 U of T Department of Medicine Teaching Award

Adam Millar – recipient of the U of T George From Postgraduate Teaching Award for 2014

Adam Millar – recipient of the U of T Robert Volpe Undergraduate Teaching Award for 2014

Special recognition for Research:

The following individuals successfully passed their 3-year review earlier this year:

Afshan Zahedi

Phil Segal

Promotion to Professor:

Tony Lam

Promotion to Associate Professor:

Lorraine Lipscombe

Sheila Laredo

RESEARCH GRANTS

Operating Grants

CIHR March 2014 Operating Grant Grantees

CONNELLY, Philip W	St. Michael's Hospital (Toronto)	Operating Grant	201403	CSC	Investigating the role of red blood cells in oxidative stress and thrombogenesis - from 4-hydroxynonenal chemistry to mouse to man. Details...	\$451,101	4 yrs 0 mth
DRUCKER, Daniel J	Mount Sinai Hospital (Toronto)	Operating Grant	201403	DOL	Glucagon receptor and the control of metabolism Details...	\$749,366	5 yrs 0 mth
RETNAKARAN, Ravi R	Mount Sinai Hospital (Toronto)	Operating Grant	201403	CIC	Exenatide and Insulin Glargine Combination Therapy for the Preservation of Pancreatic Beta-cell Function in Early Type 2 Diabetes: A Randomized Controlled Trial Details...	\$366,920	3 yrs 0 mth
WHEELER, Michael B	University of Toronto	Operating Grant	201403	DOL	Mechanisms linking beta cell dysfunction to type 2 diabetes Details...	\$1,025,435	5 yrs 0 mth

Dr. Bruce Perkins was awarded a NIH funding – a \$1.1M multi-site grant through the NIH DP3 platform for his work in diabetic neuropathy (corneal confocal microscopy).

CDA Sept 2013 Grant-in-Aid grantees

Dr. Andrew Advani Award type: Operating Grant Project, Title: Epigenetic regulation of podocyte oxidative stress in diabetic nephropathy. See more at:

<http://www.diabetes.ca/research/research-grants-awards-competitions/2014-research-competition#sthash.CycjR8FG.dpuf>

Dr. Anthony J. G. Hanley Award type: Operating Grant Project, Title: Role of soluble CD163,

a marker of adipose tissue macrophage infiltration, in the etiology of type 2 diabetes. See more at: <http://www.diabetes.ca/research/research-grants-awards-competitions/2014-research-competition#sthash.CycjR8FG.dpuf>

Dr. Vladimir Vuksan Award type: Operating Grant Project, Title: Co-administration of three complementary therapies (viscous dietary fiber, whole grain and ginseng) for comprehensive risk reduction in Type 2 Diabetes See more at: <http://www.diabetes.ca/research/research-grants-awards-competitions/2014-research-competition#sthash.CycjR8FG.dpuf>

Tony Lam – received a Canada Foundation For Innovation (CFI) Leaders Opportunity Fund – The in vivo metabolic characterization laboratory (Principal Investigator, \$1,917,912)

Iilana Halperin, Geetha Mukerji, Phil Segal, Jeannette Goguen, Maria Wolfs received a 2013-2014 Sunnybrook Innovation Funding Grant for \$86,873 for their project titled 'Developing an Innovative Balanced Scorecard for Quality in Diabetes Care'

Dr. Anna Sawka received a 2-yr grant 2015 from the Cancer Research Society for \$ \$57,650 for her project titled 'A detailed spatial analysis on contrasting cancer incidence patterns in thyroid lung cancer in Toronto Women'

2014/15 Diabetes and Endocrinology Meetings

October

9th Annual Cleveland Clinic Obesity Summit – October 2 – 3, 2014 – Cleveland, OH - [Website](#)

46th Annual Meeting of the Diabetes Pregnancy Study Group – October 2-5, 2014 – Budapest, Hungary - [Website](#)

1st BBDC/Joslin Diabetes Center Conference – October 16-17, 2014 – Toronto, ON - [Website](#)

Diabetes Asia 2014 Conference – October 16-19, 2014 – Malaysia - [Website](#)

2014 International Conference on Diabetes and Metabolism – October 16-18, 2014 – Kintex Ixlan, Korea - [Website](#)

2nd International Conference on Endocrinology – October 20-22, 2014 – Chicago, IL - [Website](#)

17th Annual CDA/CSEM/ Society Professional Conference & Annual Meetings – October 22-25, 2014 – Winnipeg, MB - [Website](#)

84th Annual Meeting of the American Thyroid Association – October 29 – November 2, 2014 – Coronado, CA - [Website](#)

November

Obesity Week 2014 – The Obesity Society Annual Scientific Meeting – November 2-7, 2014 – Boston, MA - [Website](#)

5th World Congress on Diabetes and Metabolism – November 3-5, 2014 – Las Vegas, NV - [Website](#)

7th Annual Meeting of the Diabetes and Cardiovascular Disease EASD Study Group – November 6-8, 2014 – Milan, Italy - [Website](#)

11th Asia Pacific Conference on Diabetic Limb Problems – November 14-15, 2014 – Melbourne, Australia - [Website](#)

12th Annual World Congress on Insulin Resistance, Diabetes & Cardiovascular Disease – November 20-22, 2014 – Los Angeles, CA - [Website](#)

Diabetes Educator Course – November 24-26, 2014 – Toronto, ON - [Website](#)

December

2014 International Conference on Diabetes and Metabolism (ICDM 2014) – December 18-19, 2014 – Bangkok, Thailand - [Website](#)

2015

January

51st Annual Clinical Diabetes and Endocrinology in 2015 - January 23 – 27, 2015 – Snowmass, CO - [Website](#)

February

The 8th International Conference on Advanced Technologies & Treatments for Diabetes – February 18-21, 2015 – Paris, France - [Website](#)

March

ENDO 2015 – March 5 – 8, 2015 – San Diego, CA - [Website](#)

Diabetes Update 2015 – March 6, 2015 – Toronto, ON - [Website](#)

World Congress of Nephrology 2015 - March 13 – 17, 2014 – Cape Town, RSA - [Website](#)

Diabetic Foot Global Conference – March 19-21, 2015 – Los Angeles, CA - [Website](#)

April

Immunology of Diabetes Society 14th International Congress – April 12-16, 2015 – Munich, Germany - [Website](#)

Canadian Society of Nephrology 2015 Annual Scientific Meeting – April 22 – 26, 2015
– Montreal, QC - [Website](#)

May

22nd European Congress on Obesity – May 6 – 9, 2015 – Prague, Czech Republic -
[Website](#)

BBDC Annual Scientific Day 2015 – May 8, 2015 – Toronto, ON - [Website](#)

American Association of Clinical Endocrinologists 24th Annual Scientific and Clinical Congress – May 13 – 17, 2015 – Nashville, TN - [Website](#)

17th European Congress of Endocrinology – May 16 – 20, 2015 – Dublin, Ireland -
[Website](#)

7th International Symposium on the Diabetic Foot – May 20 – 23, 2015 – The Hague, Netherlands - [Website](#)

June

American Diabetes Association 75th Scientific Sessions – June 5 – 9, 2015 – Boston, MA - [Website](#)

33rd International Symposium on Diabetes and Nutrition – June 10 – 12, 2015 – Toronto, ON - [Website](#)

July

8th International Conference on Diabetes and Obesity – July 2 – 3, 2015 – Riga, Latvia - [Website](#)

DIVISION MEMBER PROFILE – Caroline Kaercher Kramer, UHN-MSH Division



Dr. Kramer grew up in Porto Alegre which is the capital of Rio Grande do Sul, the southern-most state of Brazil. Since her childhood, Dr. Kramer wanted to become a physician and she has always been excited about understanding the human body and physiology. In 2002, she received her M.D degree from the Universidade Federal de Ciencias da Saude de Porto Alegre/Brazil. In 2008, after three years of residency in Internal Medicine at the Universidade Federal de Ciencias da Saude de Porto Alegre/Brazil and two years of residency in Endocrinology at the Universidade Federal do Rio Grande do Sul/Brazil, she received her specialist degree in Internal Medicine/Endocrinology.

Despite her enthusiasm for being a doctor in a developing country, she knew that conducting medical research would be the focus of her career ever since her first experience with research in her early years of medical school. She has worked on clinical research ever since, leading to several experiences in different areas of investigation until she found that diabetes research was the most interesting and attractive field to her. After completing her M.D. degree in

Brazil, she went on to PhD studies that were partly undertaken at the University of California San Diego (USA), where she worked on the Rancho Bernardo Study, a well-known cohort study pertaining to diabetes and metabolism. After completing her PhD in 2009, she returned to Brazil where she has worked as a clinical endocrinologist, while also conducting research with a Brazilian group. In August 2012 as a recipient of the Canadian Diabetes Association post-doctoral fellowship award, she came to Toronto to undertake a 2-year research fellowship under the supervision Drs. Bernard Zinman and Ravi Retnakaran at the University of Toronto, an experience that would be life-changing. Dr. Kramer will join the University of Toronto, Division of Endocrinology and Leadership Sinai Centre for Diabetes/Mount Sinai Hospital as an Assistant Professor and Clinician-Scientist in October 2014.

Her clinical research work has focused on the pathophysiology and risk factors for the development of type 2 diabetes mellitus (T2DM), risk factors for cardiovascular disease in individuals with metabolic abnormalities, and strategies for the treatment of T2DM. To date, her research has yielded 56 original peer-reviewed publications (32 first-authorships), including first-authorship publications in high-impact general medical journals such as *Annals of Internal Medicine* and *British Medical Journal*, and top subspecialty journals in the field of diabetes and endocrinology including *Diabetes*, *Diabetes Care* and *Journal of Clinical Endocrinology and Metabolism*.

In her spare time, Dr. Kramer enjoys meeting with friends, reading all kinds of books, and watching movies. She is particularly excited about the cultural life in Toronto and enjoys attending concerts and shows. Although she misses the beaches of Brazil, she is looking forward to establishing her independent research program in the rich academic environment of the University of Toronto diabetes research community.

JOURNAL ARTICLES**Primary Appointees to Endocrinology – April 1st 2014 to Sept 30th 2014**Select item 25275271 1.[LEADER 3-Lipase and Amylase Activity in Subjects With Type 2 Diabetes: Baseline Data From Over 9000 Subjects in the LEADER Trial.](#)Steinberg WM, Nauck MA, **Zinman B**, Daniels GH, Bergenstal RM, Mann JF, Steen Ravn L, Moses AC, Stockner M, Baeres FM, Marso SP, Buse JB; on behalf of the LEADER Trial investigators.

Pancreas. 2014 Sep 30. [Epub ahead of print]

PMID:

25275271

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25249651 2.[Liraglutide and the Preservation of Pancreatic \$\beta\$ -Cell Function in Early Type 2 Diabetes: The LIBRA Trial.](#)**Retnakaran R, Kramer CK**, Choi H, Swaminathan B, **Zinman B**.

Diabetes Care. 2014 Sep 23. pii: DC_140893. [Epub ahead of print]

PMID:

25249651

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25249236 3.[Rb and p107 are required for alpha cell survival, beta cell cycle control and glucagon-like peptide-1 action.](#)Cai EP, Luk CT, Wu X, Schroer SA, Shi SY, Sivasubramaniyam T, Brunt JJ, Zacksenhaus E, **Woo M**.

Diabetologia. 2014 Sep 24. [Epub ahead of print]

PMID:

25249236

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25231898 4.[Each Degree of Glucose Intolerance in Pregnancy Predicts Distinct Trajectories of \$\beta\$ -Cell Function, Insulin Sensitivity, and Glycemia in the First 3 Years Postpartum.](#)**Kramer CK**, Swaminathan B, Hanley AJ, Connelly PW, Sermer M, **Zinman B, Retnakaran R**.

Diabetes Care. 2014 Sep 17. pii: DC_141529. [Epub ahead of print]

PMID:

25231898

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25220191 5.[Glucagon-like peptide-1 receptor agonist and basal insulin combination treatment for the management of type 2 diabetes: a systematic review and meta-analysis.](#)Eng C, **Kramer CK, Zinman B, Retnakaran R**.

Lancet. 2014 Sep 11. pii: S0140-6736(14)61335-0. doi: 10.1016/S0140-6736(14)61335-0.

[Epub ahead of print]

PMID:

25220191

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25216328 6.[Pharmacology, Physiology and Mechanisms of Action of Dipeptidyl Peptidase-4 Inhibitors.](#)Mulvihill EE, **Drucker DJ**.

Endocr Rev. 2014 Sep 12:er20141035. [Epub ahead of print]

PMID:

25216328

[PubMed - as supplied by publisher]

[Related citations](#)Select item 25216179 7.[Measurement of cooling detection thresholds for identification of diabetic sensorimotor polyneuropathy in type 1 diabetes.](#)Lysy Z, Lovblom LE, Halpern EM, Ngo M, Ng E, Orszag A, Breiner A, Bril V, **Perkins BA**.

PLoS One. 2014 Sep 12;9(9):e106995. doi: 10.1371/journal.pone.0106995. eCollection 2014.

PMID:

25216179

[PubMed - in process]

[Free PMC Article](#)

[Related citations](#)

Select item 25205142 8.

[Canagliflozin Provides Durable Glycemic Improvements and Body Weight Reduction Over 104 Weeks Versus Glimepiride in Patients With Type 2 Diabetes on Metformin: A Randomized, Double-Blind, Phase 3 Study.](#)

Leiter LA, Yoon KH, Arias P, Langslet G, Xie J, Balis DA, Millington D, Vercruyse F, Canovatchel W, Meininger G.

Diabetes Care. 2014 Sep 9. pii: DC_132762. [Epub ahead of print]

PMID:

25205142

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25202819 9.

[Vitamin D and Parathyroid Hormone Status in Pregnancy: Impact on Insulin Sensitivity, Beta-cell Function, and Gestational Diabetes Mellitus.](#)

Kramer CK, Swaminathan B, Hanley AJ, Connelly PW, Sermer M, **Zinman B**, **Retnakaran R**. J Clin Endocrinol Metab. 2014 Sep 9:jc20142341. [Epub ahead of print]

PMID:

25202819

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25192954 10.

[Sodium-Glucose Cotransporter 2 Inhibition in Type 1 Diabetes: Simultaneous Glucose Lowering and Renal Protection?](#)

Cherney DZ, **Perkins BA**.

Can J Diabetes. 2014 Sep 3. pii: S1499-2671(14)00197-X. doi: 10.1016/j.jcjd.2014.05.006. [Epub ahead of print] Review.

PMID:

25192954

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25187508 11.

[The clinical burden of type 2 diabetes in patients with acute coronary syndromes: Prognosis and implications for short- and long-term management.](#)

Katz P, **Leiter LA**, Mellbin L, Rydén L.

Diab Vasc Dis Res. 2014 Sep 3. pii: 1479164114546854. [Epub ahead of print] Review.

PMID:

25187508

[PubMed - as supplied by publisher]

[Free Article](#)[Related citations](#)

Select item 25187162 12.

[Changes suggestive of post-partum thyroiditis in women with established hypothyroidism: incidence and predictors.](#)

Sergi M, Tomlinson G, **Feig DS**.

Clin Endocrinol (Oxf). 2014 Sep 4. doi: 10.1111/cen.12604. [Epub ahead of print]

PMID:

25187162

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25175314 13.

[Acute Management and Outcomes of Patients with Diabetes Mellitus Presenting to Canadian Emergency Departments with Hypoglycemia.](#)

Rowe BH, Singh M, Villa-Roel C, **Leiter LA**, Hramiak I, Edmonds ML, Lang E, Sivilotti M, Scheuermeyer F, Worster A, Riley J, Afilalo M, Stiell I, Yale JF, Woo VC, Campbell S; Canadian Association of Emergency Physicians Research Consortium.

Can J Diabetes. 2014 Aug 28. pii: S1499-2671(14)00173-7. doi: 10.1016/j.jcjd.2014.04.001. [Epub ahead of print]

PMID:

25175314

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25175313 14.

[Sensor-Augmented Pump and Multiple Daily Injection Therapy in the United States and Canada: Post-Hoc Analysis of a Randomized Controlled Trial.](#)

Perkins BA, Halpern EM, Orszag A, Weisman A, Houlden RL, Bergenstal RM, Joyce C.

Can J Diabetes. 2014 Aug 28. pii: S1499-2671(14)00151-8. doi: 10.1016/j.jcjd.2014.03.003. [Epub ahead of print]

PMID:

25175313

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25173752 15.

[Glucagon-Like Peptide 2 Regulates Release of Chylomicron from the Intestine.](#)

Dash S, Xiao C, Morgantini C, Connelly PW, Patterson BW, **Lewis GF**.

Gastroenterology. 2014 Aug 27. pii: S0016-5085(14)01076-2. doi:

10.1053/j.gastro.2014.08.037. [Epub ahead of print]

PMID:

25173752

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25172268 16.

[The End of the Road for Dual Renin Angiotensin System Blockade in Diabetic Nephropathy: Which Way Now?](#)

Advani A.

Can J Diabetes. 2014 Aug 27. pii: S1499-2671(14)00196-8. doi:

10.1016/j.jcjd.2014.05.005. [Epub ahead of print] No abstract available.

PMID:

25172268

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25172198 17.

[The Effects of Medical Management on the Progression of Diabetic Retinopathy in Persons with Type 2 Diabetes: The Action to Control Cardiovascular Risk in Diabetes Eye Study.](#)

Chew EY, Davis MD, Danis RP, Lovato JF, Perdue LH, Greven C, Genuth S, Goff DC, **Leiter LA**, Ismail-Beigi F, Ambrosius WT; Action to Control Cardiovascular Risk in Diabetes Eye Study Research Group.

Ophthalmology. 2014 Aug 26. pii: S0161-6420(14)00623-X. doi:

10.1016/j.ophtha.2014.07.019. [Epub ahead of print]

PMID:

25172198

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Select item 25154309 18.

[Readiness for diabetes prevention and barriers to lifestyle change in women with a history of gestational diabetes mellitus: Rationale and study design.](#)

Lipscombe LL, Banerjee AT, McTavish S, Mukerji G, Lowe J, Ray J, Evans M, **Feig DS**.

Diabetes Res Clin Pract. 2014 Oct;106(1):57-66. doi: 10.1016/j.diabres.2014.07.019. Epub 2014 Jul 26.

PMID:

25154309

[PubMed - in process]

[Related citations](#)

Select item 25147269 19.

[Response to comment on kramer et Al. Glucagon response to oral glucose challenge in type 1 diabetes: lack of impact of euglycemia. Diabetes care 2014;37:1076-1082.](#)

Kramer CK, Retnakaran R, Zinman B.

Diabetes Care. 2014 Sep;37(9):e209. doi: 10.2337/dc14-1392. No abstract available.

PMID:

25147269

[PubMed - in process]

[Related citations](#)

Select item 25144126 20.

[Total fructose intake and risk of hypertension: a systematic review and meta-analysis of prospective cohorts.](#)

Jayalath VH, Sievenpiper JL, de Souza RJ, Ha V, Mirrahimi A, Santaren ID, Blanco Mejia S, Di Buono M, Jenkins AL, **Leiter LA**, Wolever TM, Beyene J, Kendall CW, Jenkins DJ.

J Am Coll Nutr. 2014;33(4):328-39. doi: 10.1080/07315724.2014.916237. Epub 2014 Aug 21.

PMID:

25144126

[PubMed - in process]

[Related citations](#)

Select item 25132618 21.

[Is metformin ready for prime time in pregnancy? Probably not yet.](#)

Fantus IG.

Diabetes Metab Res Rev. 2014 Jul 31. doi: 10.1002/dmrr.2587. [Epub ahead of print]

PMID:

25132618

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[Related citations](#)

Select item 25128273 22.

[The US diabetes epidemic: tip of the iceberg.](#)

Lipscombe LL.

Lancet Diabetes Endocrinol. 2014 Aug 12. pii: S2213-8587(14)70172-X. doi: 10.1016/S2213-8587(14)70172-X. [Epub ahead of print] No abstract available.

PMID:

25128273

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[Related citations](#)

Select item 25123954 23.

[Current management of papillary thyroid microcarcinoma in Canada.](#)

Merdad M, Eskander A, De Almeida J, Freeman J, Rotstein L, **Ezzat S**, Sawka AM, Goldstein DP. J Otolaryngol Head Neck Surg. 2014 Aug 14;43(1):32. doi: 10.1186/s40463-014-0032-8.

PMID:

25123954

[PubMed - in process]

[Related citations](#)

Select item 25115413 24.

[Revising the high-density lipoprotein targeting strategies - Insights from human and preclinical studies.](#)

Nesan D, **Ng DS.**

Crit Rev Clin Lab Sci. 2014 Aug 13:1-11. [Epub ahead of print]

PMID:

25115413

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25104797 25.

[Effects of bariatric surgery on hepatic and intestinal lipoprotein particle metabolism in obese, nondiabetic humans.](#)

Padilla N, Maraninchi M, Béliard S, Berthet B, Nogueira JP, Wolff E, Nicolay A, Bégu A, Dubois N, Grangeot R, Mattei C, Vialettes B, Xiao C, **Lewis GF**, Valéro R.

Arterioscler Thromb Vasc Biol. 2014 Oct;34(10):2330-7. doi: 10.1161/ATVBAHA.114.303849. Epub 2014 Aug 7.

PMID:

25104797

[PubMed - in process]

[Related citations](#)

Select item 25092678 26.

[PTEN Deletion in Pancreatic \$\alpha\$ Cells Protects Against High Fat Diet-induced Hyperglucagonemia and Insulin Resistance.](#)

Wang L, Luk CT, Cai EP, Schroer SA, Allister EM, Shi SY, Wheeler MB, Gaisano HY, **Woo M.** Diabetes. 2014 Aug 4. pii: DB_131715. [Epub ahead of print]

PMID:

25092678

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25088437 27.

[Effects of intensive glycaemic control on ischaemic heart disease: analysis of data from the randomised, controlled ACCORD trial.](#)

Gerstein HC, Miller ME, Ismail-Beigi F, Largay J, McDonald C, Lochnan HA, **Booth GL**; for the ACCORD Study Group.

Lancet. 2014 Jul 31. pii: S0140-6736(14)60611-5. doi: 10.1016/S0140-6736(14)60611-5. [Epub ahead of print]

PMID:

25088437

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25076495 28.

[Effect of tree nuts on glycemic control in diabetes: a systematic review and meta-analysis of randomized controlled dietary trials.](#)

Vigiliouk E, Kendall CW, Blanco Mejia S, Cozma AI, Ha V, Mirrahimi A, Jayalath VH, Augustin LS, Chiavaroli L, **Leiter LA**, de Souza RJ, Jenkins DJ, Sievenpiper JL.

PLoS One. 2014 Jul 30;9(7):e103376. doi: 10.1371/journal.pone.0103376. eCollection 2014.

PMID:

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[PubMed - in process]

[Free PMC Article](#)

[Related citations](#)

Select item 25074070 29.

[Effect of tree nuts on metabolic syndrome criteria: a systematic review and meta-analysis of randomised controlled trials.](#)

Blanco Mejia S, Kendall CW, Viguioliouk E, Augustin LS, Ha V, Cozma AI, Mirrahimi A, Maroleanu A, Chiavaroli L, **Leiter LA**, de Souza RJ, Jenkins DJ, Sievenpiper JL.

BMJ Open. 2014 Jul 29;4(7):e004660. doi: 10.1136/bmjopen-2013-004660.

PMID:

25074070

[PubMed - in process]

[Free PMC Article](#)

[Related citations](#)

Select item 25063849 30.

[A peptide targeting an interaction interface disrupts the dopamine D1-D2 receptor heteromer to block signaling and function in vitro and in vivo: effective selective antagonism.](#)

Hasbi A, Perreault ML, Shen MY, Zhang L, To R, Fan T, Nguyen T, Ji X, O'Dowd BF, **George SR**. FASEB J. 2014 Jul 25. pii: fj.14-254037. [Epub ahead of print]

PMID:

25063849

[PubMed - as supplied by publisher]

[Related citations](#)

Select item 25061556 31.

[Inactivation of the cardiomyocyte glucagon-like peptide-1 receptor \(GLP-1R\) unmasks cardiomyocyte-independent GLP-1R-mediated cardioprotection.](#)

Ussher JR, Baggio LL, Campbell JE, Mulvihill EE, Kim M, Kabir MG, Cao X, Baranek BM, Stoffers DA, Seeley RJ, **Drucker DJ**.

Mol Metab. 2014 May 9;3(5):507-17. doi: 10.1016/j.molmet.2014.04.009. eCollection 2014 Aug.

PMID:

25061556

[PubMed]

[Free PMC Article](#)

[Related citations](#)

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