

## Update of Members' Publications February 2016

[Aldosterone mediates metastatic spread of renal cancer via the G protein-coupled estrogen receptor \(GPER\).](#)

**Feldman RD, Ding Q, Hussain Y, Limbird LE, Pickering JG, Gros R.**

FASEB J. 2016 Feb 24. pii: fj.15-275552.

PMID: 26911792

[Activation of the Cardiac Renin-Angiotensin System in High Oxygen-Exposed Newborn Rats: Angiotensin Receptor Blockade Prevents the Developmental Programming of Cardiac Dysfunction.](#)

Bertagnolli M, Dios A, Béland-Bonenfant S, Gascon G, Sutherland M, Lukaszewski MA, Cloutier A, **Paradis P, Schiffrin EL**, Nuyt AM.

Hypertension. 2016 Feb 8. pii: HYPERTENSIONAHA.115.06745.

PMID: 26857347

[Call to Regulate Manufacture and Marketing of Blood Pressure Devices and Cuffs: A Position Statement From the World Hypertension League, International Society of Hypertension and Supporting Hypertension Organizations.](#)

**Campbell NR, Gelfer M**, Stergiou GS, Alpert BS, **Myers MG, Rakotz MK, Padwal R**, Schutte AE, O'Brien E; World Hypertension League; International Society of Hypertension.

[WHL Note on the Kaiser Permanente Article.](#)

**Campbell NR**, Lackland DT, Niebylski ML.

J Clin Hypertens (Greenwich). 2016 Mar 3. doi: 10.1111/jch.12793. [Epub ahead of print] No abstract available.

PMID: 26939001

[Questionable Scientific Basis for Relaxed Dietary Sodium Recommendations.](#)

**Campbell N.**

Can J Cardiol. 2016 Feb 11. pii: S0828-282X(15)01570-6. doi: 10.1016/j.cjca.2015.10.027. [Epub ahead of print] No abstract available.

PMID: 26875017

[Club Cell-16 and RelB as Novel Determinants of Arterial Stiffness in Exacerbating COPD Patients.](#)

Labonté LE, Bourbeau J, **Daskalopoulou SS**, Zhang M, Coulombe P, Garland K, Baglole CJ.

PLoS One. 2016 Feb 25;11(2):e0149974. doi: 10.1371/journal.pone.0149974. eCollection 2016.

PMID: 26914709

[Variations in the emergency department management of atrial fibrillation: Lessons to be learned.](#)

**McAlister FA**, Rowe BH.

Am Heart J. 2016 Mar;173:159-60. doi: 10.1016/j.ahj.2015.12.002. Epub 2015 Dec 17. No abstract available.

PMID: 26920608

[Does reducing inpatient length of stay have upstream effects on the emergency room: exploring the impact of the general Internal Medicine care Transformation initiative.](#)

**McAlister FA**, Bakal JA, Rosychuk RJ, Rowe BH.

Acad Emerg Med. 2016 Feb 6. doi: 10.1111/acem.12935

PMID: 26850577

[Transient Receptor Potential Melastatin 7 Cation Channel Kinase: New Player in Angiotensin II-Induced Hypertension.](#)

Antunes TT, Callera GE, He Y, Yogi A, Ryazanov AG, Ryazanova LV, Zhai A, **Stewart DJ**, Shrier A, Touyz RM.

Hypertension. 2016 Feb 29. pii: HYPERTENSIONAHA.115.07021

PMID: 26928801

[Can adverse maternal and perinatal outcomes be predicted when blood pressure becomes elevated? Secondary analyses from the CHIPS \(Control of Hypertension In Pregnancy Study\) randomized controlled trial.](#)

**Magee LA**, von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Gruslin A, Helewa M, Hutton E, Lee SK, **Logan AG**, Ganzevoort W, Welch R, Thornton JG, Moutquin JM. Acta Obstet Gynecol Scand. 2016 Feb 24. doi: 10.1111/aogs.12877. PMID: 26915709

[Newer QT Correction Formulae to Correct QT for Heart Rate Changes During Exercise.](#)

**Rabkin SW**, Cheng XJ. Am J Med Sci. 2016 Feb;351(2):133-9. doi: 10.1016/j.amjms.2015.11.007. PMID: 26897267

[How Protective Mechanisms Interact to Prevent Overnight Calcium Phosphate Precipitation - An Observational Study to Determine Factors Against Calcium Phosphate Lithogenesis in a Healthy Cohort.](#)

Shafiee MA, **Logan AG**, Halperin ML. Nephron. 2016 Feb 19. PMID: 26890695

[Developmental Origins for Kidney Disease Due to Shroom3 Deficiency.](#)

Khalili H, Sull A, Sarin S, Boivin FJ, Halabi R, **Svajger B**, Li A, Cui VW, Drysdale T, Bridgewater D. J Am Soc Nephrol. 2016 Mar 3. pii: ASN.[2015060621](#). PMID: 26940091

[The attributes of an effective teacher differ between the classroom and the clinical setting.](#)

Haws J, Rannelli L, Schaefer JP, **Zarnke K**, Coderre S, Ravani P, McLaughlin K. Adv Health Sci Educ Theory Pract. 2016 Feb 18. PMID: 26891679

[Glucagon-like peptide-1 receptor activation attenuates platelet aggregation and thrombosis.](#)

Cameron-Vendrig A, Reheman A, Siraj MA, Xu XR, Wang Y, Lei X, Afroze T, Shikatani E, El-Mounayri O, Noyan H, Weissleder R, Ni H, **Husain M**. Diabetes. 2016 Mar 2. pii: db151141 PMID: 26936963

[Risks associated with permanent discontinuation of blood pressure-lowering medications in patients with type 2 diabetes.](#)

Hirakawa Y, Arima H, Webster R, Zoungas S, Li Q, Harrap S, Lisheng L, **Hamet P**, Mancia G, Poulter N, Neal B, Williams B, Rogers A, Woodward M, Chalmers J. J Hypertens. 2016 Apr;34(4):781-7. doi: 10.1097/HJH.0000000000000841. PMID: 26938813

[Role of cell death in the progression of heart failure.](#)

**Moe GW**, Marín-García J. Heart Fail Rev. 2016 Mar;21(2):157-67. doi: 10.1007/s10741-016-9532-0. PMID: 26872675 [

[Recombinant N-Terminal Slit2 Inhibits TGF-β-Induced Fibroblast Activation and Renal Fibrosis.](#)

Yuen DA, Huang YW, Liu GY, Patel S, Fang F, Zhou J, Thai K, Sidiqi A, Szeto SG, Chan L, Lu M, He X, John R, **Gilbert RE**, Scholey JW, Robinson LA. J Am Soc Nephrol. 2016 Feb 11. pii: ASN.[2015040356](#). PMID: 26869008

[Henry Krum, Pioneering Heart Failure Researcher.](#)

**Gilbert RE**, Ruschitzka F. Eur J Heart Fail. 2016 Feb;18(2):125-6. doi: 10.1002/ejhf.498. No abstract available. PMID: 26861037

[Incidence of nonresponse and individual patterns of response following sprint interval training.](#)

Gurd BJ, Giles MD, Bonafiglia JT, Raleigh JP, Boyd JC, Ma JK, **Zelt JG**, Scribbans TD.  
Appl Physiol Nutr Metab. 2016 Mar;41(3):229-34. doi: 10.1139/apnm-2015-0449. Epub 2015 Nov 3.  
PMID: 26854820

[Adjuvant-induced mono-arthritis potentiates cerebral hemorrhage in the spontaneously hypertensive rats.](#)

Randell A, **Daneshtalab N**.  
Life Sci. 2016 Feb 19. pii: S0024-3205(16)30062-5. doi: 10.1016/j.lfs.2016.02.012.  
PMID: 26903291

[Diagnostic Yield of Echocardiography in Transient Ischemic Attack.](#)

Wilson CA, Tai W, Desai JA, Mulvihill I, Olivot JM, Murphy S, **Coutts SB**, Albers GW, Kelly P, Cucchiara BL.  
J Stroke Cerebrovasc Dis. 2016 Feb 22. pii: S1052-3057(16)00024-0. doi:  
10.1016/j.jstrokecerebrovasdis.2016.01.011.  
PMID: 26915604

[Effects of fixed or self-titrated dosages of Sativex on cannabis withdrawal and cravings.](#)

Trigo JM, Lagzdins D, Rehm J, **Selby P**, Gamaledin I, Fischer B, Barnes AJ, Huestis MA, Le Foll B.  
Drug Alcohol Depend. 2016 Feb 23. pii: S0376-8716(16)00095-8. doi: 10.1016/j.drugalcdep.2016.02.020  
PMID: 26925704

[Responding to Acute Care Needs of Patients With Cancer: Recent Trends Across Continents.](#)

Young A, Marshall E, Krzyzanowska M, Robinson B, Brown S, Collinson F, Seligmann J, Abbas A, Rees A, Swinson D, Neville-Webbe H, **Selby P**.  
Oncologist. 2016 Feb 26. pii: theoncologist.2014-0341.  
PMID: 26921289

[Measuring the short-term impact of fluoridation cessation on dental caries in Grade 2 children using tooth surface indices.](#)

**McLaren L**, Patterson S, Thawer S, Faris P, McNeil D, Potestio M, Shwart L.  
Community Dent Oral Epidemiol. 2016 Feb 17. doi: 10.1111/cdoe.12215.  
PMID: 26888380

[Equity in children's dental caries before and after cessation of community water fluoridation: differential impact by dental insurance status and geographic material deprivation.](#)

**McLaren L**, McNeil DA, Potestio M, Patterson S, Thawer S, Faris P, Shi C, Shwart L.  
Int J Equity Health. 2016 Feb 11;15(1):24. doi: 10.1186/s12939-016-0312-1.  
PMID: 26864565

[Perinatal Resveratrol Supplementation to Spontaneously Hypertensive Rat Dams Mitigates the Development of Hypertension in Adult Offspring.](#)

Care AS, Sung MM, Panahi S, Gragasin FS, Dyck JR, **Davidge ST**, Bourque SL.  
Hypertension. 2016 Feb 29. pii: HYPERTENSIONAHA.115.06793.  
PMID: 26928803

[In Utero Origins of Hypertension: Mechanisms and Targets for Therapy.](#)

Morton JS, Cooke CL, **Davidge ST**.  
Physiol Rev. 2016 Apr;96(2):549-603. doi: 10.1152/physrev.00015.2015. Review.  
PMID: 26887677

[Circulating angiogenic factors in a pregnant woman on intensive hemodialysis: a case report.](#)

Akbari A, Hladunewich M, **Burns K**, Moretti F, Arkoub RA, Brown P, Hiremath S.  
Can J Kidney Health Dis. 2016 Feb 23;3:7. doi: 10.1186/s40697-016-0096-7. eCollection 2016.  
PMID: 26909159

[Videolaryngoscope for Teaching Neonatal Endotracheal Intubation: A Randomized Controlled Trial.](#)

Moussa A, Luangxay Y, Tremblay S, **Lavoie J**, Aube G, Savoie E, Lachance C.  
Pediatrics. 2016 Mar;137(3):1-8. doi: 10.1542/peds.2015-2156. Epub 2016 Feb 12.  
PMID: 26908701

[Estrogen and testosterone in concert with EFNB3 regulate vascular smooth muscle cell contractility and blood pressure.](#)

Wang Y, Wu Z, Thorin E, Tremblay J, **Lavoie JL**, Luo H, Peng J, Qi S, Wu T, Chen F, Shen J, Hu S, Wu J. Am J Physiol Heart Circ Physiol. 2016 Feb 5:ajpheart.00873.2015. doi: 10.1152/ajpheart.00873.2015. PMID: 26851246

[LEADER-4: blood pressure control in patients with type 2 diabetes and high cardiovascular risk: baseline data from the LEADER randomized trial.](#)

Petrie JR, Marso SP, Bain SC, Franek E, Jacob S, Masmiquel L, **Leiter LA**, Haluzik M, Satman I, Omar M, Shestakova M, Van Gaal L, Mann JF, Baeres FM, Zinman B, Poulter NR; LEADER investigators. J Hypertens. 2016 Feb 5. PMID: 26855018

[Recommendations on screening for colorectal cancer in primary care.](#)

Bacchus CM, Dunfield L, Connor Gorber S, Holmes NM, Birtwhistle R, Dickinson JA, Lewin G, Singh H, **Klarenbach S**, Mai V, Tonelli M; Canadian Task Force on Preventive Health Care. CMAJ. 2016 Feb 22. pii: cmaj.151125. [Epub ahead of print] No abstract available. PMID: 26903355

[Reduction in Na<sup>+</sup> Current by Angiotensin II is Mediated by PK \$\alpha\$  in Mouse and Human Induced Pluripotent Stem Cells Derived Cardiomyocytes.](#)

Mathieu S, Khoury NE, Rivard K, Gelinat S, Goyette P, **Paradis P**, Nemer M, Fiset C. Heart Rhythm. 2016 Feb 24. pii: S1547-5271(16)00185-5. doi: 10.1016/j.hrthm.2016.02.015. PMID: 26921763

[Do Self-Management Interventions Work in Patients With Heart Failure? An Individual Patient Data Meta-Analysis.](#)

Jonkman NH, Westland H, Groenwold RH, Ågren S, Atienza F, Blue L, Bruggink-André de la Porte PW, DeWalt DA, Hebert PL, Heisler M, Jaarsma T, Kempen GI, Leventhal ME, Lok DJ, Mårtensson J, Muñoz J, Otsu H, Peters-Klimm F, Rich MW, Riegel B, Strömberg A, **Tsuyuki RT**, van Veldhuisen DJ, Trappenburg JC, Schuurmans MJ, Hoes AW. Circulation. 2016 Feb 12. pii: CIRCULATIONAHA.115.018006. PMID: 26873943

[Establishing a continuum of acute kidney injury - tracing AKI using data source linkage and long-term follow-up: Workgroup Statements from the 15th ADQI Consensus Conference.](#)

Mehta R, Bihorac A, Selby NM, **Quan H**, Goldstein SL, Kellum JA, Ronco C, Bagshaw SM; Acute Dialysis Quality Initiative (ADQI) Consensus Group. Can J Kidney Health Dis. 2016 Feb 26;3:13. doi: 10.1186/s40697-016-0102-0. eCollection 2016. PMID: 26925249

[Guiding the reporting of studies that use routinely collected health data.](#)

**Quan H**, Williamson T. CMAJ. 2016 Feb 16. pii: cmaj.151470. [Epub ahead of print] No abstract available. PMID: 26883317

[Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials.](#)

Goyal M, Menon BK, van Zwam WH, Dippel DW, Mitchell PJ, Demchuk AM, Dávalos A, Majoie CB, van der Lugt A, de Miquel MA, Donnan GA, Roos YB, Bonafe A, Jahan R, Diener HC, van den Berg LA, Levy EI, Berkhemer OA, Pereira VM, Rempel J, Millán M, Davis SM, Roy D, Thornton J, Román LS, Ribó M, Beumer D, Stouch B, Brown S, Campbell BC, van Oostenbrugge RJ, Saver JL, **Hill MD**, Jovin TG; HERMES collaborators. Lancet. 2016 Feb 18. pii: S0140-6736(16)00163-X. doi: 10.1016/S0140-6736(16)00163-X PMID: 26898852

[Intra-Arterial Therapy and Post-Treatment Infarct Volumes: Insights From the ESCAPE Randomized Controlled Trial.](#)

Al-Ajlan FS, Goyal M, Demchuk AM, Minhas P, Sabiq F, Assis Z, Willinsky R, Montanera WJ, Rempel JL, Shuaib A, Thornton J, Williams D, Roy D, Poppe AY, Jovin TG, Sapkota BL, Baxter BW, Krings T, Silver FL, Frei DF, Fanale C, Tampieri D, Teitelbaum J, Lum C, Dowlatshahi D, Shankar JJ, Barber PA, **Hill MD**, Menon BK; ESCAPE Trial Investigators.

Stroke. 2016 Mar;47(3):777-81. doi: 10.1161/STROKEAHA.115.012424.  
PMID: 26892284

[Magnitude of Hematoma Volume Measurement Error in Intracerebral Hemorrhage.](#)

Rodriguez-Luna D, Boyko M, Subramaniam S, Kloudfeld E, Jo P, Diederichs BJ, Kosior JC, Dowlatsahi D, Aviv RI, Molina CA, **Hill MD**, Demchuk AM.

Stroke. 2016 Feb 18. pii: STROKEAHA.115.012170.  
PMID: 26892283

[Long-Term Results of Stenting versus Endarterectomy for Carotid-Artery Stenosis.](#)

Brott TG, Howard G, Roubin GS, Meschia JF, Mackey A, Brooks W, Moore WS, **Hill MD**, Mantese VA, Clark WM, Timaran CH, Heck D, Leimgruber PP, Sheffet AJ, Howard VJ, Chaturvedi S, Lal BK, Voeks JH, Hobson RW 2nd; CREST Investigators.

N Engl J Med. 2016 Feb 18.  
PMID: 26890472

[Safety and Efficacy of Solitaire Stent Thrombectomy: Individual Patient Data Meta-Analysis of Randomized Trials.](#)

Campbell BC, **Hill MD**, Rubiera M, Menon BK, Demchuk A, Donnan GA, Roy D, Thornton J, Dorado L, Bonafe A, Levy EI, Diener HC, Hernández-Pérez M, Pereira VM, Blasco J, Quesada H, Rempel J, Jahan R, Davis SM, Stouch BC, Mitchell PJ, Jovin TG, Saver JL, Goyal M.

Stroke. 2016 Mar;47(3):798-806. doi: 10.1161/STROKEAHA.115.012360.  
PMID: 26888532

[The role of maternal cardiac vagal control in the association between depressive symptoms and gestational hypertension.](#)

Rouleau CR, Tomfohr-Madsen LM, **Campbell TS**, Letourneau N, O'Beirne M, Giesbrecht GF; APrON Study Team.  
Biol Psychol. 2016 Feb 8;117:32-42. doi: 10.1016/j.biopsycho.2016.02.002.

PMID: 26868182