

Articles scientifiques publiés qui remercient/mentionnent le CMDO comme support

(82 articles, dernière mise à jour : 19 juin 2026)

2026

- 1) **The impact of elexacaftor–tezacaftor–ivacaftor on cardiometabolic risk factors: a systematic review.** Heather Girouard, Farah Jaber, Josh Gharib, Valérie Boudreau, Laure Alexandre-Heymann, Adèle Coriati. *European Respiratory Review* 2026 35(179): 250197; DOI: <https://doi.org/10.1183/16000617.0197-2025> **OPEN ACCESS**

2025

- 2) **Anthropometric Indices and Metabolic Dysfunction-Associated Fatty Liver Disease in Males and Females Living With Severe Obesity.** Fannie Lajeunesse-Trempe, Selena Dugas, Ina Maltais-Payette, Ève-Julie Tremblay, Marie-Eve Piché, Georgios K Dimitriadis, Annie Lafortune, Simon Marceau, Laurent Biertho, André Tchernof. *Can J Gastroenterol Hepatol.* 2025 Feb 16: 2025:5545227. doi: 10.1155/cjgh/5545227. eCollection 2025. **OPEN ACCESS**
- 3) **Autonomous motivation: school leaders as key drivers of physical activity in the Global Health Program.** Roseane F Guimaraes, Jessica Bélisle, Béatrice Lamy, Rosalie Gaudet, Isabelle Doré, Pierre-Luc Yao, Tracie A Barnett, Noémie Carbonneau, Stéphanie Girard. *Front Psychol.* 2025 Aug 6:16:1646775. doi: 10.3389/fpsyg.2025.1646775. eCollection 2025. **OPEN ACCESS**
- 4) **Bridging the Gap in Carbohydrate Counting With a Mobile App: Needs Assessment Survey.** Asmaa Housni, Alexandra Katz, Lucien Junior Bergeron, Alain Simard, Ashley Finkel, Amélie Roy-Fleming, Meranda Nakhla, Anne-Sophie Brazeau. *J Med Internet Res.* 2025 Mar 28: 27: e63278. doi: 10.2196/63278. **OPEN ACCESS**
- 5) **DNA methylation levels are independently associated with prevalence of atherosclerotic cardiovascular disease in multifactorial chylomicronemia syndrome.** Simon-Pierre Guay, Martine Paquette, Taschereau A, Véronique Desgagné, Luigi Bouchard, Sophie Bernard, Alexis Baass. *Clin Biochem.* 2025; 139: 110978. **OPEN ACCESS**
- 6) **DNA methylation levels may contribute to severe hypertriglyceridemia in multifactorial chylomicronemia syndrome.** Simon-Pierre Guay, Martine Paquette, Amélie Taschereau, Véronique Desgagné, Luigi Bouchard, Sophie Bernard, Alexis Baass. *Clin Biochem.* 2025 Jan:135:110873. doi: 10.1016/j.clinbiochem.2025.110873. Epub 2025 Jan 3.
- 7) **Dietary Lipids, Gut Microbiota, and Their Metabolites: Insights from Recent Studies.** Farzad Mohammadi, Iwona Rudkowska. *Nutrients.* 2025 Feb 11;17(4):639. doi: 10.3390/nu17040639. **OPEN ACCESS**
- 8) **Variations in Human Milk Metabolites After Gestational Diabetes: Associations with Infant Growth.** Alice Fradet, Line Berthiaume, Laurie-Anne Laroche, Camille Dugas, Julie Perron, Alain Doyen, Étienne Audet-Walsh, Julie Robitaille. *Nutrients.* 2025 Apr 26;17(9):1466. doi: 10.3390/nu17091466. **OPEN ACCESS**

2024

- 9) **14-3-3 ζ regulates adipogenesis by modulating chromatin accessibility during the early stages of adipocyte differentiation.** S A Rial, Z You, A Vivoli, D Sean, Amal Al-Khoury, G Lavoie, M Civelek, A Martinez-Sanchez, Roux Pp, T M Durcan, G E Lim. *bioRxiv [Preprint]*. 2024 Mar 19:2024.03.18.585495. doi: 10.1101/2024.03.18.585495. **PREPRINT - OPEN ACCESS**
- 10) **A genetic mouse model of lean-NAFLD unveils sexual dimorphism in the liver-heart axis.** Charlotte Burelle, Valentin Clapatiuc, Sonia Deschênes, Alexanne Cuillerier, Marine De Loof, Marie-Ève Higgins, Hugues Boël, Caroline Daneault, Billie Chouinard, Marie-Élaine Clavet, Nolwenn Tessier, Isabelle Croteau, Geneviève Chabot, Catherine Martel, Martin G Sirois, Sylvie Lesage, Yan Burelle, Matthieu Ruiz. *Commun Biol*. 2024 Mar 22;7(1):356. doi: 10.1038/s42003-024-06035-6. **OPEN ACCESS**
- 11) **A sympathetic paradigm shift for the role of NPY in obesity.** Olivier Lavoie, Alexandre Caron. *Cell Metab*. 2024 Nov 5; 36(11): 2357-2358. doi: 10.1016/j.cmet.2024.10.010. **OPEN ACCESS**
- 12) **Acute pancreatitis risk in multifactorial chylomicronemia syndrome depends on the molecular cause of severe hypertriglyceridemia.** Simon-Pierre Guay, Martine Paquette, Amélie Taschereau, Lysanne Girard, Véronique Desgagné, Luigi Bouchard, Sophie Bernard, Alexis Baass. *Atherosclerosis*. 2024 May:392:117489. doi: 10.1016/j.atherosclerosis.2024.117489. Epub 2024 Feb 27. **OPEN ACCESS**
- 13) **Advanced glycation end products are not associated with bone mineral density, trabecular bone score, and bone turnover markers in adults with and without type 1 diabetes: a cross-sectional study.** Julie-Catherine Coll, Anne-Frédérique Turcotte, William D Leslie, Laëtitia Michou, Stanley John Weisnagel, Fabrice Mac-Way, Caroline Albert, Claudie Berger, Suzanne N Morin, Rémi Rabasa-Lhoret, Claudia Gagnon. *JBMR Plus*. 2024 Jan 4;8(3):ziad018. doi: 10.1093/jbmrpl/ziad018. eCollection 2024 Feb. **OPEN ACCESS**
- 14) **Blockage of ATGL-mediated breakdown of lipid droplets in microglia alleviates neuroinflammatory and behavioural responses to lipopolysaccharides.** Josephine Louise Robb, Frédérick Boisjoly, Arturo Israel Machuca-Parra, Adeline Coursan, Romane Manceau, Danie Majeur, Demetra Rodaros, Khalil Bouyakdan, Karine Greffard, Jean-François Bilodeau, Anik Forest, Caroline Daneault, Matthieu Ruiz, Cyril Laurent, Nathalie Arbour, Sophie Layé, Xavier Fioramonti, Charlotte Madore, Stephanie Fulton, Thierry Alquier; Representative of consortium. *Brain Behav Immun*. 2024 Sep 24:123:315-333. doi: 10.1016/j.bbi.2024.09.027. **OPEN ACCESS**
- 15) **Cardiomyocyte-specific conditional apelin receptor (APJ) expression knock-down and sepsis-induced myocardial dysfunction in mice : sex-dependent metabol(om)ic-function relationship.** Olivier Lesur, Denis P. Blondin, Matthieu Ruiz, Lauralyne Dumont, F Chagnon, Mannix Auger-Messier, Hugo Giguere. *Intensive Care Medicine Exp* 2024, 12 (suppl 1): 000356, doi.org/10.1186/s40635-024-00658-z. **OPEN ACCESS**
- 16) **Central activation of the fatty acid sensor GPR120 suppresses microglia reactivity and alleviates sickness- and anxiety-like behaviors.** Shingo Nakajima, Geneviève Demers, Arturo Israel Machuca-Parra, Zahra Dashtehei Pour, Diane Bairamian, Khalil Bouyakdan, Alexandre Fiset, Anita Kabahizi, Josephine Robb, Demetra Rodaros, Cyril Laurent, Guillaume Ferreira, Nathalie Arbour, Thierry Alquier, Stephanie Fulton. *J Neuroinflammation*. 2023 Dec 19;20(1):302. doi: 10.1186/s12974-023-02978-5. **OPEN ACCESS**
- 17) **Family systems approaches in pediatric obesity management: a scoping review.** Natasha Wills-Ibarra, Keryn Chemtob, Heather Hart, Francesca Frati, Keeley J Pratt, Geoff DC Ball & Andraea Van Hulst. *BMC Pediatr*. 2024 Apr 2;24(1):235. doi: 10.1186/s12887-024-04646-w. **OPEN ACCESS**

- 18) **High hsCRP concentration is associated with acute pancreatitis in multifactorial chylomicronemia syndrome.** Simon-Pierre Guay, Martine Paquette, Chantal Blais, Andréanne Fortin, Sophie Bernard, Alexis Baass. *J Clin Endocrinol Metab.* 2024 Feb 27; dgae103. doi: 10.1210/clinem/dgae103. **OPEN ACCESS**
- 19) **Investigating the alterations of endocannabinoidome signaling in the human small intestine in the context of obesity and type 2 diabetes.** Volatiana Rakotoarivelo, Bénédicte Allam-Ndoul, Cyril Martin, Laurent Biertho, Vincenzo Di Marzo, Nicolas Flamand, Alain Veilleux. *Heliyon.* 2024 Mar 2;10(6):e26968. doi: 10.1016/j.heliyon.2024.e26968. eCollection 2024 Mar 30. **OPEN ACCESS**
- 20) **Liver adrenoceptor alpha-1b plays a key role in energy and glucose homeostasis in female mice.** Anisia Silva, Mathilde Mouchiroud, Olivier Lavoie, Sarra Beji, Joel K Elmquist, Alexandre Caron. *Am J Physiol Endocrinol Metab.* 2024 Nov 1;327(5):E626-E635. doi: 10.1152/ajpendo.00153.2024. Epub 2024 Sep 11. **OPEN ACCESS**
- 21) **Medication and supplement pharmacokinetic changes following bariatric surgery: A systematic review and meta-analysis.** Fannie Lajeunesse-Trempe, Dominika Okroj, Eduard Ostarijas, Alan Ramalho, Eve-Julie Tremblay, David Llewellyn, Chris Harlow, Nikhil Chandhoyke, Nicholas W S Chew, Royce P Vincent, Andre Tchernof, Marie-Eve Piché, Paul Poirier, Laurent Biertho, Marie-Philippe Morin, Caroline S Copeland, Georgios K Dimitriadis. *Obes Rev.* 2024 Aug; 25(8): e13759. doi: 10.1111/obr.13759. Epub 2024 May 6. **OPEN ACCESS**
- 22) **Pancreatitis polygenic risk score is associated with acute pancreatitis in multifactorial chylomicronemia syndrome.** Simon-Pierre Guay, Martine Paquette, Amélie Taschereau, Véronique Desgagné, Luigi Bouchard, Sophie Bernard, Alexis Baass. *J Clin Lipidol.* 2024 May-Jun;18(3):e413-e422. doi: 10.1016/j.jacl.2024.02.007. Epub 2024 Feb 23.
- 23) **Preoperative predictors of type 2 diabetes remission after bilio-pancreatic diversion with duodenal switch.** Fannie Lajeunesse-Trempe, Marie-Eve Piché, Simon Marceau, Stéfane Lebel, Annie Lafortune, Georgios K Dimitriadis, André Tchernof, Laurent Biertho. *Surg Obes Relat Dis.* 2024 Jun; 20(6): 507-514. doi: 10.1016/j.soard.2023.11.006. Epub 2023 Nov 25.
- 24) **Ruminant Trans Fatty Acid Intake Modulates Inflammation Pathways in the Adipose Tissue Transcriptome of C57BL/6 Mice.** Farzad Mohammadi, Charles Joly Beauparlant, Stéphanie Bianco, Arnaud Droit, Nicolas Bertrand, Iwona Rudkowska. *Mol Nutr Food Res.* 2024 Nov;68(21):e2400290. doi: 10.1002/mnfr.202400290. Epub 2024 Oct 13. **OPEN ACCESS**
- 25) **Sex-Specific Cardiometabolic Determinants of Postoperative Atrial Fibrillation After Cardiac Surgery.** Amélie Paquin, Pierre Voisine, Paul Poirier, Marie-Annick Clavel, Sarah O'Connor, Jeanne Roberge, Marie-Eve Piché. *Can J Cardiol.* 2024 Sep;40(9):1566-1575. doi: 10.1016/j.cjca.2024.02.002. Epub 2024 Feb 9. **OPEN ACCESS**

2023

- 26) **A circulating proteome-informed prognostic model of COVID-19 disease activity that relies on routinely available clinical laboratories.** William Ma, Antoine Soulé, Karine Tremblay, Simon Rousseau, Amin Emad. *medRxiv* 2022.11.02.22281834; doi: <https://doi.org/10.1101/2022.11.02.22281834>. **PREPRINT - OPEN ACCESS**
- 27) **A critical update on the leptin-melanocortin system.** Olivier Lavoie, Natalie Jane Michael, Alexandre Caron. *Journal of Neurochemistry*. 2023 ; DOI:10.1111/jnc.15765. **OPEN ACCESS**
- 28) **Arterial Health after Preeclampsia: Role of Chronic Hypertension in the Early Vascular Aging (EVA) Study.** Amelie Paquin, Ana Werlang, Thais Coutinho. *Am J Hypertens*. 2024 Jan 1;37(1):24-32. doi: 10.1093/ajh/hpad079. **OPEN ACCESS**
- 29) **Genetic testing for familial hypercholesterolemia in Quebec, Canada: a single-centre retrospective cohort study.** Amanda Guerin, Iulia Iatan, Isabelle Ruel, Linda Fri Ngufor, Jacques Genest. *CMAJ Open*. 2023 Aug 22;11(4):E754-E764. doi: 10.9778/cmajo.20220108. Print 2023 Jul-Aug. **OPEN ACCESS**
- 30) **Molecular pathology of acute respiratory distress syndrome, mechanical ventilation and abnormal coagulation in severe COVID-19.** A Antoine Soulé, William Ma, Katelyn Yixiu Liu, Catherine Allard, Salman Qureshi, Karine Tremblay, Amin Emad, Simon Rousseau. *medRxiv* 2023.03.09.23286797; doi: <https://doi.org/10.1101/2023.03.09.23286797>. **PREPRINT - OPEN ACCESS**
- 31) **Relationship Between Diet Quality and Glucose-Lowering Medication Intensity Among Adults With Type 2 Diabetes: Results From the CARTaGENE Cohort.** Clémence Desjardins, Lise Leblay, Amélie Bélanger, Mathieu Filiatrault, Olivier Barbier, Line Guénette, Jacinthe Leclerc, Jean Lefebvre, Arsène Zongo, Jean-Philippe Drouin-Chartier. *CJC Open*. 2023 Sep 29;6(1):20-29. doi: 10.1016/j.cjco.2023.09.015. eCollection 2024 Jan. **OPEN ACCESS**
- 32) **The EVA (Early Vascular Aging) Study: Association of Central Obesity With Worse Arterial Health After Preeclampsia.** Amélie Paquin, Ana Werlang, Thais Coutinho. *J Am Heart Assoc*. 2023 Nov 7;12(21):e031136. **OPEN ACCESS**
- 33) **The EVA Study: Early Vascular Aging in Women With History of Preeclampsia.** Ana Werlang, Amélie Paquin, Thais Coutinho. *J Am Heart Assoc*. 2023 Apr 18; 12(8):e028116. doi: 10.1161/JAHA.122.028116. Epub 2023 Apr 7; **OPEN ACCESS**
- 34) **The impact of high-fat feeding and parkin overexpression on skeletal muscle mass, mitochondrial respiration, and H₂O₂ emission.** Olivier Reynaud, Jennifer Wang, Marie-Belle Ayoub, Jean-Philippe Leduc-Gaudet, Dominique Mayaki, Maude Dulac, Sabah N A Hussain, Raynald Bergeron, Gilles Gouspillou. *Am J Physiol Cell Physiol*. 2023 Feb 1; 324(2):C366-C376. doi: 10.1152/ajpcell.00388.2022. Epub 2022 Dec 26. **OPEN ACCESS**
- 35) **Tungsten toxicity on kidney tubular epithelial cells induces renal inflammation and M1-macrophage polarization.** Jonatan Barrera-Chimal, Nathalie Henley, Michael Philip Grant, Schrodinger Cenatus, Pedro Geraldés, Vincent Pichette, Casimiro Gerarduzzi. *Cell Biol Toxicol*. 2023 Jun 27. doi: 10.1007/s10565-023-09817-6. PMID: 37368165.
- 36) **Vitamin K-dependent carboxylation regulates Ca²⁺ flux and adaptation to metabolic stress in β cells.** Julie Lacombe, Kevin Guo, Jessica Bonneau, Denis Faubert, Florian Gioanni, Alexis Vivoli, Sarah M Muir, Soraya Hezzaz, Vincent Poutout, Mathieu Ferron. *Cell Rep*. 2023 May 30;42(5):112500. doi: 10.1016/j.celrep.2023.112500. Epub 2023 May 11. **OPEN ACCESS**

2022

- 37) **Acceptability and Feasibility of the Telehealth Bariatric Behavioral Intervention to Increase Physical Activity: Protocol for a Single-Case Experimental Study.** Aurélie Baillot, Maxime St-Pierre, Josyane Lapointe, Paquito Bernard, Dale Bond, Ahmed Jérôme Romain, Pierre Y Garneau, Laurent Biertho, André Tchernof, Patricia Blackburn, Marie-France Langlois, Jennifer Brunet. *JMIR Res Protoc.* 2022 Sep 29;11(9):e39633. doi: 10.2196/39633. **OPEN ACCESS**
- 38) **Acute effect of passive heat exposure on markers of cardiometabolic function in adults with type 2 diabetes mellitus.** Parya Behzadi, Nicholas Ravanelli, Hugo Gravel, Hadiatou Barry, Amélie Debray, Georgia K Chaseling, Vincent Jacquemet, Paul-Eduard Neagoe, Anil Nigam, André C Carpentier, Martin G Sirois, Daniel Gagnon. *J Appl Physiol* (1985). 2022 May 1; 132(5):1154-1166. doi: 10.1152/jappphysiol.00800.2021 **OPEN ACCESS**
- 39) **Do POMC neurons have a sweet tooth for leptin? Special issue: Role of nutrients in nervous control of energy balance.** Nader Srour, Alexandre Caron, Natalie Jane Michael. *Biochimie.* 2022 ; S0300-9084(22)00231-0, DOI:10.1016/j.biochi.2022.09.006. **OPEN ACCESS**
- 40) **Dietary Mediators of the Genetic Susceptibility to Obesity-Results from the Quebec Family Study.** Raphaëlle Jacob, Catherine Bertrand, Clare Llewellyn, Christian Couture, Marie-Ève Labonté, Angelo Tremblay, Claude Bouchard, Vicky Drapeau, Louis Pérusse. *J Nutr.* 2022 Jan 11;152(1):49-58. doi: 10.1093/jn/nxab356. **OPEN ACCESS**
- 41) **Exploring social inequalities in healthcare trajectories following diagnosis of diabetes: a state sequence analysis of linked survey and administrative data.** Rachel McKay, Laurence Letarte, Alexandre Lebel, Amélie Quesnel-Vallée; TORSAGE Cohort Working Group. *BMC Health Serv Res.* 2022 Jan 31;22(1):131. doi: 10.1186/s12913-021-07450-9. **OPEN ACCESS**
- 42) **Minimizing the Risk of Exercise-Induced Glucose Fluctuations in People Living With Type 1 Diabetes Using Continuous Subcutaneous Insulin Infusion: An Overview of Strategies.** Joséphine Molveau, Rémi Rabasa-Lhoret, Nadine Taleb, Elsa Heyman, Étienne Myette-Côté, Corinne Suppère, Serge Berthoin, Sémah Tagougui. *Can J Diabetes.* 2021 Oct;45(7):666-676. doi: 10.1016/j.cjcd.2021.01.003. Epub 2021 Jan 20.
- 43) **Neighborhood deprivation and obesity: Sex-specific effects of cross-sectional, cumulative and residential trajectory indicators.** Laurence Letarte, Sekou Samadoulougou, Rachel McKay, Amélie Quesnel-Vallée, E O D Waygood, Alexandre Lebel; TORSAGE Cohort Working Group. *Soc Sci Med.* 2022 Aug;306:115049. doi: 10.1016/j.socscimed.2022.115049. Epub 2022 May 20.
- 44) **Non-Invasive Vascular Elastography as a One-Step Imaging Technique to Evaluate Early Vascular Changes in Children Compared to B-Mode-Based Intima-Media Thickness Technique : A Validation Study Using Inter- and Intra-Rater Reliability.** Emilie Alchourron, Josée Dubois, Guy Cloutier, Nina Stein, Ziad Farhat, Marie-Hélène Roy-Cardinal, Jean-Baptiste Moretti, Chantale Lapierre, Ramy El Jalbout. *Can Assoc Radiol J.* 2023 May;74(2):422-431. doi: 10.1177/08465371221134055. Epub 2022 Oct 20.
- 45) **Prevalence of nocturnal hypoglycemia in free-living conditions in adults with type 1 diabetes: What is the impact of daily physical activity?** Joséphine Molveau, Rémi Rabasa-Lhoret, Étienne Myette-Côté, Virginie Messier, Corinne Suppère, Kathryn J Potter, Elsa Heyman, Sémah Tagougui. *Front Endocrinol (Lausanne).* 2022 Sep 27;13:953879. doi: 10.3389/fendo.2022.953879. eCollection 2022. **OPEN ACCESS**
- 46) **Prevalence of Vertebral Fractures in Adults With Type 1 Diabetes: DenSiFy Study (Diabetes Spine Fractures).** Julie-Catherine Coll, Élodie Garceau, William D Leslie, Mathieu Genest, Laëtitia Michou, S John Weisnagel, Fabrice Mac-Way, Caroline Albert, Suzanne N Morin, Rémi Rabasa-Lhoret, Claudia Gagnon. *J Clin Endocrinol Metab.* 2022 Apr 19;107(5):e1860-e1870. doi: 10.1210/clinem/dgac031. **OPEN ACCESS**

- 47) **The sympathetic nervous system in the 21st century: Neuroimmune interactions in metabolic homeostasis and obesity.** Noelia Martinez-Sanchez, Owen Sweeney, Davi Sidarta-Oliveira, Alexandre Caron, Sarah A Stanley, Ana I Domingos. *Neuron*. 2022 Nov 2;110(21):3597-3626. doi: 10.1016/j.neuron.2022.10.017. **OPEN ACCESS**

2021

- 48) **Accessible dynamic micropatterns in monolayer cultures via modified desktop xurography.** Raymond Tran, Corinne A Hoesli, Christopher Moraes. *Biofabrication*. 2021 Mar 10;13(2). doi: 10.1088/1758-5090/abce0b.
- 49) **Changes in diet quality and food security among adults during the COVID-19-related early lockdown: results from NutriQuébec.** Benoît Lamarche, Didier Brassard, Annie Lapointe, Catherine Laramée, Michèle Kearney, Mélina Côté, Ariane Bélanger-Gravel, Sophie Desroches, Simone Lemieux, Céline Plante. *Am J Clin Nutr*. 2021 Apr 6;113(4):984-992. doi: 10.1093/ajcn/nqaa363. **OPEN ACCESS**
- 50) **Examining longitudinal patterns of individual neighborhood deprivation trajectories in the province of Quebec: A sequence analysis application.** Laurence Letarte, Pierre Gagnon, Rachel McKay, Amélie Quesnel-Vallée, E O D Waygood, Alexandre Lebel; TORSADÉ Cohort Working Group. *Soc Sci Med*. 2021 Nov;288:113695. doi: 10.1016/j.socscimed.2021.113695. Epub 2021 Jan 9.
- 51) **HDL-enriched miR-30a-5p is associated with HDL-cholesterol levels and glucose metabolism in healthy men and women.** Andrée-Anne Clément, Véronique Desgagné, Cécilia Légaré, Simon-Pierre Guay, Marjorie Boyer, Elizabeth Hutchins, François Corbin, Kendall Van Keuren-Jensen, Benoit J Arsenault, Renée Guérin, Luigi Bouchard. *Epigenomics*. 2021 Jul;13(13):985-994. doi: 10.2217/epi-2020-0456. Epub 2021 May 17.
- 52) **Impact of proximal and distal cuff inflation on brachial artery endothelial function in healthy individuals.** Ellen A Dawson, Maxime Boidin, Ruth Thompson, Nigel T Cable, Dick H J Thijssen, Daniel J Green. *Eur J Appl Physiol*. 2021 Apr;121(4):1135-1144. doi: 10.1007/s00421-021-04605-8. Epub 2021 Jan 23.
- 53) **New Horizons: Is Obesity a Disorder of Neurotransmission?** Alexandre Caron, Natalie Jane Michael. *The Journal of Clinical Endocrinology & Metabolism*. 2021; Vol. 106, No. 12, e4872–e4886. doi:10.1210/clinem/dgab421. **OPEN ACCESS**
- 54) **Pathophysiological Mechanisms That Alter the Autonomic Brain-Liver Communication in Metabolic Diseases.** Anisia Silva, Alexandre Caron. *Endocrinology*. 2021 Nov 1;162(11):bqab164. doi: 10.1210/endocr/bqab164. **OPEN ACCESS**

2020

- 55) **14-3-3 ζ mediates an alternative, non-thermogenic mechanism in male mice to reduce heat loss and improve cold tolerance.** Kadidia Diallo, Sylvie Dussault, Christophe Noll, Angel F Lopez, Alain Rivard, André C Carpentier, Gareth E Lim. *Mol Metab.* 2020 Nov;41:101052. doi: 10.1016/j.molmet.2020.101052. Epub 2020 Jul 12. **OPEN ACCESS**
- 56) **A cross-sectional survey examining motivation and beliefs to participating in a web-based prospective cohort study on nutrition and health among individuals with a low socioeconomic status.** Méлина Côté, Stéphanie Harrison, Annie Lapointe, Catherine Laramée, Sophie Desroches, Simone Lemieux, Benoît Lamarche, Ariane Bélanger-Gravel. *BMC Public Health.* 2020 Mar 17;20(1):348. doi: 10.1186/s12889-020-08467-1. **OPEN ACCESS**
- 57) **Estrogens and Glucocorticoids in Mammary Adipose Tissue: Relationships with Body Mass Index and Breast Cancer Features.** Sofia Laforest, Mélissa Pelletier, Nina Denver, Brigitte Poirier, Sébastien Nguyen, Brian R Walker, Francine Durocher, Natalie Z M Homer, Caroline Diorio, Ruth Andrew, André Tchernof. *J Clin Endocrinol Metab.* 2020 Apr 1;105(4):e1504-e1516. doi: 10.1210/clinem/dgz268. **OPEN ACCESS**
- 58) **NutriQuébec: a unique web-based prospective cohort study to monitor the population's eating and other lifestyle behaviours in the province of Québec.** Annie Lapointe, Catherine Laramée, Ariane Belanger-Gravel, David L Buckeridge, Sophie Desroches, Didier Garriguet, Lise Gauvin, Simone Lemieux, Céline Plante, Benoit Lamarche. *BMJ Open.* 2020 Oct 28;10(10):e039889. doi: 10.1136/bmjopen-2020-039889. **OPEN ACCESS**

2019

- 59) **Beliefs Related to Participation in a Large Web-Based Prospective Survey on Diet and Health Among Individuals With a Low Socioeconomic Status: Qualitative Study.** Mélina Côté, Annie Lapointe, Catherine Laramée, Simone Lemieux, Sophie Desroches, Ariane Belanger-Gravel, Benoît Lamarche. *Journal of Medical Internet Research - Formative Research*. 2019 Dec 10;3(4):e13854. doi: 10.2196/13854. **OPEN ACCESS**
- 60) **CRP Induces NETosis in Heart Failure Patients with or without Diabetes.** Branka Vulesevic 1 2, Simon S Lavoie 1 2, Paul-Eduard Neagoe 1, Elizabeth Dumas 1 2, Agnès Râkel 3 4, Michel White 1 3, Martin G Sirois. *Immunohorizons*. 2019 Aug 9;3(8):378-388. doi: 10.4049/immunohorizons.1900026. **OPEN ACCESS**
- 61) **Efficacy of Artificial Pancreas Use in Patients With Type 2 Diabetes Using Intensive Insulin Therapy: A Randomized Crossover Pilot Trial.** Nadine Taleb, André C Carpentier, Virginie Messier, Martin Ladouceur, Ahmad Haidar, Rémi Rabasa-Lhoret. *Diabetes Care*. 2019 Jul;42(7):e107-e109. doi: 10.2337/dc18-2406. Epub 2019 May 21. **OPEN ACCESS**
- 62) **Fine mapping of genome-wide association study signals to identify genetic markers of the plasma triglyceride response to an omega-3 fatty acid supplementation.** Bastien Vallée Marcotte, Frédéric Guénard, Simone Lemieux, Patrick Couture, Iwona Rudkowska, Philip C Calder, Anne Marie Minihane, Marie-Claude Vohl. *Am J Clin Nutr*. 2019 Jan 1;109(1):176-185. doi: 10.1093/ajcn/nqy298. **OPEN ACCESS**
- 63) **Human high-density lipoprotein microtranscriptome is distinctive and suggests an extended role in lipid metabolism.** Véronique Desgagné, Renée Guérin, Simon-Pierre Guay, Marjorie Boyer, Elizabeth Hutchins, Samuel Picard, Alexandre Maréchal, François Corbin, Kendall Van Keuren-Jensen, Benoit J Arsenault, Luigi Bouchard. *Epigenomics*. 2019; 11(8):917–934.
- 64) **Increased Dairy Product Intake Alters Serum Metabolite Profiles in Subjects at Risk of Developing Type 2 Diabetes.** Sarah O'Connor, Karine Greffard, Mickael Leclercq, Pierre Julien, Stanley John Weisnagel, Claudia Gagnon, Arnaud Droit, Jean-François Bilodeau, Iwona Rudkowska. *Mol Nutr Food Res*. 2019 Oct;63(19):e1900126. doi: 10.1002/mnfr.201900126. Epub 2019 Aug 7.
- 65) **Simultaneous quantification of estrogens and glucocorticoids in human adipose tissue by liquid-chromatography-tandem mass spectrometry.** Sofia Laforest, Mélissa Pelletier, Nina Denver, Brigitte Poirier, Sébastien Nguyen, Brian R Walker, Francine Durocher, Natalie Z M Homer, Caroline Diorio, André Tchernof, Ruth Andrew. *J Steroid Biochem Mol Biol*. 2019 Dec;195:105476. doi: 10.1016/j.jsbmb.2019.105476. Epub 2019 Sep 24. **OPEN ACCESS**
- 66) **The gliotransmitter ACBP controls feeding and energy homeostasis via the melanocortin system.** Khalil Bouyakdan, Hugo Martin, Fabienne Liénard, Lionel Budry, Bouchra Taib, Demetra Rodaros, Chloé Chrétien, Éric Biron, Zoé Husson, Daniela Cota, Luc Pénicaud, Stephanie Fulton, Xavier Fioramonti, Thierry Alquier. *J Clin Invest*. 2019 Apr 2; 129(6):2417-2430. doi: 10.1172/JCI123454. **OPEN ACCESS**
- 67) **The hepatokine Tsukushi is released in response to NAFLD and impacts cholesterol homeostasis.** Mathilde Mouchiroud, Étienne Camiré, Manal Aldow, Alexandre Caron, Éric Jubinville, Laurie Turcotte, Inès Kaci, Marie-Josée Beaulieu, Christian Roy, Sébastien M Labbé, Thibault V Varin, Yves Gélinas, Jennifer Lamothe, Jocelyn Trottier, Patricia L Mitchell, Frédéric Guénard, William T Festuccia, Philippe Joubert, Christopher F Rose, Constantine J Karvellas, Olivier Barbier, Mathieu C Morissette, André Marette, Mathieu Laplante. *JCI Insight*. 2019 Aug 8;4(15):e129492. doi: 10.1172/jci.insight.129492. **OPEN ACCESS**

2018

- 68) **An isoform of AIF1 involved in breast cancer.** Ferial Amira Slim, Geneviève Ouellette, Kaoutar Ennour-Idrissi, Simon Jacob, Caroline Diorio, Francine Durocher. *Cancer Cell Int.* 2018 Oct 22;18:167. doi: 10.1186/s12935-018-0663-3. eCollection 2018. **OPEN ACCESS**
- 69) **DEPTOR at the Nexus of Cancer, Metabolism, and Immunity.** Alexandre Caron, David M Briscoe, Denis Richard, Mathieu Laplante. *Physiol Rev.* 2018 Jul 1;98(3):1765-1803. doi: 10.1152/physrev.00064.2017. **OPEN ACCESS**
- 70) **Inflammatory Cytokine Profiles in Visceral and Subcutaneous Adipose Tissues of Obese Patients Undergoing Bariatric Surgery Reveal Lack of Correlation With Obesity or Diabetes.** Volatiana Rakotoarivelo, Gregory Lacraz, Marian Mayhue, Christine Brown, Diane Rottembourg, Julie Fradette, Subburaj Ilangumaran, Alfredo Menendez, Marie-France Langlois, Sheela Ramanathan. *EBioMedicine* 2018 Apr;30:237-247. doi: 10.1016/j.ebiom.2018.03.004. Epub 2018 Mar 8. **OPEN ACCESS**
- 71) **Oleic Acid in the Ventral Tegmental Area Inhibits Feeding, Food Reward, and Dopamine Tone.** Cecile Hryhorczuk, Zhenyu Sheng, Léa Décarie-Spain, Nicolas Giguère, Charles Ducrot, Louis-Éric Trudeau, Vanessa H Routh, Thierry Alquier, Stephanie Fulton. *Neuropsychopharmacology.* 2018 Feb;43(3):607-616. doi: 10.1038/npp.2017.203. Epub 2017 Aug 31. **OPEN ACCESS**
- 72) **Synthesis of Human Neutrophil Extracellular Traps Contributes to Angiopoietin-Mediated In Vitro Proinflammatory and Proangiogenic Activities.** Simon S Lavoie, Elizabeth Dumas, Branka Vulesevic, Paul-Eduard Neagoe, Michel White, Martin G Sirois. *J Immunol.* 2018 Jun 1;200(11):3801-3813. doi: 10.4049/jimmunol.1701203. Epub 2018 Apr 23. **OPEN ACCESS**

2017

- 73) **Amplification of Adipogenic Commitment by VSTM2A.** Blandine Secco, Étienne Camiré, Marc-Antoine Brière, Alexandre Caron, Armande Billong, Yves Gélinas, Anne-Marie Lemay, Kevin M Tharp, Peter L Lee, Stéphane Gobeil, Jean V Guimond, Natacha Patey, David A Guertin, Andreas Stahl, Élie Haddad, David Marsolais, Yohan Bossé, Kivanc Birsoy, Mathieu Laplante. *Cell Rep.* 2017 Jan 3;18(1):93-106. doi: 10.1016/j.celrep.2016.12.015. **OPEN ACCESS**
- 74) **Changes in HDL-carried miRNA contribution to the plasmatic pool after consumption of dietary trans fat in healthy men.** Véronique Desgagné, Renée Guérin, Simon-Pierre Guay, François Corbin, Patrick Couture, Benoit Lamarche, Luigi Bouchard. *Epigenomics.* 2017 May; 9(5):669-688.
- 75) **Saturated high-fat feeding independent of obesity alters hypothalamus-pituitary-adrenal axis function but not anxiety-like behaviour.** Cecile Hryhorczuk, Léa Décarie-Spain, Sandeep Sharma, Caroline Daneault, Christine Des Rosiers, Thierry Alquier, Stephanie Fulton. *Psychoneuroendocrinology.* 2017 Sep;83:142-149. doi: 10.1016/j.psyneuen.2017.06.002. Epub 2017 Jun 10.
- 76) **Loss of hepatic DEPTOR alters the metabolic transition to fasting.** Alexandre Caron, Mathilde Mouchiroud, Nicolas Gautier, Sébastien M Labbé, Romain Villot, Laurie Turcotte, Blandine Secco, Guillaume Lamoureux, Michael Shum, Yves Gélinas, André Marette, Denis Richard, David M Sabatini, Mathieu Laplante. *Mol Metab.* 2017 Feb 17;6(5):447-458. doi: 10.1016/j.molmet.2017.02.005. eCollection 2017 May. **OPEN ACCESS**

2016

- 77) **Dampened Mesolimbic Dopamine Function and Signaling by Saturated but not Monounsaturated Dietary Lipids.** Cecile Hryhorczuk, Marc Florea, Demetra Rodaros, Isabelle Poirier, Caroline Daneault, Christine Des Rosiers, Andreas Arvanitogiannis, Thierry Alquier, Stephanie Fulton. *Neuropsychopharmacology*. 2016 Feb;41(3):811-21. doi: 10.1038/npp.2015.207. Epub 2015 Jul 14. **OPEN ACCESS**
- 78) **DEPTOR in POMC neurons affects liver metabolism but is dispensable for the regulation of energy balance.** Alexandre Caron, Sébastien M Labbé, Mathilde Mouchiroud, Renaud Huard, Damien Lanfray, Denis Richard, Mathieu Laplante. *Am J Physiol Regul Integr Comp Physiol*. 2016 Jun 1;310(11):R1322-31. doi: 10.1152/ajpregu.00549.2015. Epub 2016 Apr 20. **OPEN ACCESS**
- 79) **mTORC1 is Required for Brown Adipose Tissue Recruitment and Metabolic Adaptation to Cold.** Sébastien M Labbé, Mathilde Mouchiroud, Alexandre Caron, Blandine Secco, Elizaveta Freinkman, Guillaume Lamoureux, Yves Gélinas, Roger Lecomte, Yohan Bossé, Patricia Chimin, William T Festuccia, Denis Richard, Mathieu Laplante. *Sci Rep*. 2016 Nov 23;6:37223. doi: 10.1038/srep37223. **OPEN ACCESS**
- 80) **Urea impairs β cell glycolysis and insulin secretion in chronic kidney disease.** Laetitia Koppe, Elsa Nyam, Kevin Vivot, Jocelyn E Manning Fox, Xiao-Qing Dai, Bich N Nguyen, Dominique Trudel, Camille Attané, Valentine S Moullé, Patrick E MacDonald, Julien Ghislain, Vincent Poitout. *J Clin Invest*. 2016 Sep 1;126(9):3598-612. doi: 10.1172/JCI86181. Epub 2016 Aug 15. **OPEN ACCESS**
- 81) **Variations in HDL-carried miR-223 and miR-135a concentrations after consumption of dietary trans fat are associated with changes in blood lipid and inflammatory markers in healthy men - an exploratory study.** Véronique Desgagné, Simon-Pierre Guay, Renée Guérin, François Corbin, Patrick Couture, Benoit Lamarche, Luigi Bouchard. *Epigenetics*. 2016 Jun 2; 11(6):438-48. **OPEN ACCESS**

2015

- 82) **Mediobasal hypothalamic overexpression of DEPTOR protects against high-fat diet-induced obesity.** Alexandre Caron, Sébastien M Labbé, Damien Lanfray, Pierre-Gilles Blanchard, Romain Villot, Christian Roy, David M Sabatini, Denis Richard, Mathieu Laplante. *Mol Metab.* 2015 Dec 8;5(2):102-112. doi: 10.1016/j.molmet.2015.11.005. eCollection 2016 Feb. **OPEN ACCESS**