

SELECTED PUBLICATIONS
DIABETES RESEARCH
Past 3 years

Paul Albert Fournier

Soon WHK, Guelfi KJ, Davis EA, Smith GJ, Jones TW, **Fournier PA**. Effect of combining pre-exercise carbohydrate intake and repeated short sprints on the blood glucose response to moderate-intensity exercise in young individuals with Type 1 diabetes. *Diabet Med*. 2019 May;36(5):612-619.

Leow ZZX, Guelfi KJ, Davis EA, Jones TW, **Fournier PA**. The glycaemic benefits of a very-low-carbohydrate ketogenic diet in adults with Type 1 diabetes mellitus may be opposed by increased hypoglycaemia risk and dyslipidaemia. *Diabet Med*. 2018 May 8. doi: 10.1111/dme.13663.

Adolfsson P, Riddell MC, Taplin CE, Davis EA, **Fournier PA**, Annan F, Scaramuzza AE, Hasnani D, Hofer SE. ISPAD Clinical Practice Consensus Guidelines 2018: Exercise in children and adolescents with diabetes. *Pediatr Diabetes*. 2018 Oct;19 Suppl 27:205-226. doi: 10.1111/pedi.12755

Shetty VB, **Fournier PA**, Davey RJ, Retterath AJ, Paramalingam N, Roby HC, Davis EA, Jones TW. The time lag prior to the rise in glucose requirements to maintain stable glycaemia during moderate exercise in a fasted insulinaemic state is of short duration and unaffected by the level at which glycaemia is maintained in Type 1 diabetes. *Diabet Med*. 2018 Oct;35(10):1404-1411. doi: 10.1111/dme.13771.

Lim ZIX, Singh A, Leow ZZX, Arthur PG, **Fournier PA**. The effect of acute taurine ingestion on human maximal voluntary muscle contraction. *Med Sci Sports Exerc*. 50 (2): 344-352, 2018.

Riddell MC, Gallen IW, Smart CE, Taplin CE, Adolfsson P, Lumb AN, Kowalski A, Rabasa-Lhoret R, McCrimmon RJ, Hume C, Annan F, **Fournier PA**, Graham C, Bode B, Galassetti P, Jones TW, Millán IS, Heise T, Peters AL, Petz A, Laffel LM. Exercise management in type 1 diabetes: a consensus statement. *Lancet Diabetes Endocrinol*. 2017 May;5(5):377-390.

Abraham MB, Davey RJ, Cooper MN, Paramalingam N, O'Grady MJ, Ly TT, Jones TW, **Fournier PA**, Davis EA. Reproducibility of the plasma glucose response to moderate-intensity exercise in adolescents with Type 1 diabetes. *Diabet Med*. 34(9): 1291-1295, 2017.

Paramalingam N, **Fournier PA**, Davey RJ, Roby HC, Smith GJ, Shetty VB, Guelfi KJ, Davis EA, Jones TW. A 10-second sprint does not blunt hormonal counter-regulation to subsequent hypoglycaemia. *Diabet Med*. 34 (10) 1440-1446, 2017.

Guelfi KJ, Ong MJ, Li S, Wallman KE, Doherty DA, **Fournier PA**, Newnham JP, Keelan JA. Maternal circulating adipokine profile and insulin resistance in women at high risk of developing gestational diabetes mellitus. *Metabolism*. 75:54-60, 2017.

Guelfi KJ, Ong MJ, Crisp NA, **Fournier PA**, Wallman KE, Grove JR, Doherty DA, Newnham JP. Regular exercise to prevent the recurrence of gestational diabetes mellitus: a randomized controlled trial. *Obstet Gynecol*. 2016 Oct;128(4):819-27, 2016.

Abraham MB, Davey R, O'Grady MJ, Ly TT, Paramalingam N, **Fournier PA**, Roy A, Grosman B, Kurtz N, Fairchild JM, King BR, Ambler GR, Cameron F, Jones TW, Davis EA. Effectiveness of a predictive algorithm in the prevention of exercise-induced hypoglycemia in type 1 diabetes. *Diabetes Technol Ther*. Sep;18(9):543-50, 2016.

Ong MJ, Wallman KE, **Fournier PA**, Newnham JP, Guelfi KJ. Enhancing energy expenditure and enjoyment of exercise during pregnancy through the addition of brief higher intensity intervals to traditional continuous moderate intensity cycling. *BMC Pregnancy Childbirth*. 2016 Jul 15;16(1):161.

Shetty VB, **Fournier PA**, Davey RJ, Retterath AJ, Paramalingam N, Roby HC, Cooper MN, Davis EA, Jones TW. Effect of exercise intensity on glucose requirements to maintain euglycemia during exercise in type 1 diabetes. *J Clin Endocrinol Metab*. Mar;101(3):972-80, 2016.

Justice TD, Hammer GL, Davey RJ, Paramalingam N, Guelfi KJ, Lewis L, Davis EA, Jones TW, **Fournier PA**. Effect of antecedent moderate-intensity exercise on the glycemia-increasing effect of a 30-sec maximal sprint: a sex comparison. *Physiol Rep*. 2016 May;3(5) pii: e12386. doi: 10.14814/phy2.12386.