Laboratory on nutrition, lipoproteins and cardiometabolic disease

Institut de recherches cliniques de Montréal (IRCM)

110, Pins avenue west

Montréal, Québec H2W 1R7

Position:

Research assistant

Summary of responsibilities

Selected candidate will manage a lab working in clinical and basic research on type 2 diabetes. He/she will be responsible for maintaining standard operating procedures, sample and material inventory and ordering, subject recruitment and testing with the research team, and conducting clinical and basic techniques. In addition, candidate will be responsible to train and supervise undergraduates and graduate students on lab techniques together with lab director.

Job requirements:

* Bilingual (English and French)
* MSc in medical sciences (ex: biology, biochemistry, immunology, molecular biology) or a BSc in medical sciences with more than 2 years of experience as a research assistant
* Basic research expertise: cell and tissue culture, molecular biology, biochemistry (ex: PCR, western blots, transfection, ELISA, microscopy, histology, flow cytometry..)
* Knowledge of clinical and lipid research is an advantage +++
* Personal characteristics: organization and training skill, analytical and problem solving, project management, independence, initiation, rigorous, quick learner, team player, positive attitude
* Computer skills: Excel spreadsheets, power point, statistics is a ++

Working conditions:

Full time position with an initial one (1) year contract (renewable). The IRCM offers a competitive range of benefits.

How to apply

Please submit your CV and cover letter no later than Dec 15, 2019 with the title- **T2D Research Assistant Position** at [may.faraj@ircm.qc.ca](mailto:may.faraj@ircm.qc.ca) to Dr May Faraj, Research Unit Director

Starting date :

Effective immediately

Selected publications:

1. Faraj M. 2019. Au-delà du risque cardiovasculaire : le rôle des lipoprotéines contenant l’apoB athérogènes dans l’étiologie du diabète de type 2. Médecine des Maladies Métaboliques 13 (2):129-139.
2. Lamantia V, Bissonnette S, Provost V, Devaux M, Cyr Y, Daneault C, Des Rosiers C, Faraj M 2018. The association of estimated delta-5-desaturase activity with insulin sensitivity and postprandial fat clearance in obese subjects is dependent on plasma apoB. Journal of Nutrition. 149 (1), 57-67
3. Bissonnette S, Saint-Pierre N, Lamantia V, Leroux C, Provost V, Cyr Y, Rabasa-Lhoret R, Faraj M 2018. High plasma apoB identifies obese subjects who best ameliorate white adipose tissue dysfunction and glucose-induced hyperinsulinemia after a hypocaloric diet. American Journal of Clinical Nutrition. 1;108(1):62-76
4. Lamantia V, Bissonnette S, Wassef H, Cyr Y, Baass A, Dufourt R, Rabasa-Lhoret R, Faraj M 2017. ApoB-lipoproteins and dysfunctional white adipose tissue; relation to risk factors for type 2 diabetes. Journal of Clinical Lipidology 11(1):34-45
5. Wassef H, Bissonnette S, Dufour R, Davignon J, Faraj M 2017. [Enrichment of Triglyceride-Rich Lipoproteins with Apolipoprotein C-I Is Positively Associated with Their Delayed Plasma Clearance Independently of Other Transferable Apolipoproteins in Postmenopausal Overweight and Obese Women.](https://www.ncbi.nlm.nih.gov/pubmed/28356429) Journal of Nutrition 147(5):754-762
6. Cyr Y, Wassef H, Bissonnette S, Lamantia V, Davignon J, Faraj M 2016. White adipose tissue-apoCI secretion; role in delayed chylomicron clearance in vivo and ex vivo in white adipose tissue in obese subjects. Journal of Lipid Research 57(6):1074-85
7. Wassef H, Bissonnette S, Saint-Pierre N, Lamantia V, Cyr Y, Chrétien M, Faraj M 2015. The apoB/ PCSK9 ratio : a new index for metabolic risk in humans. Journal of Clinical Lipidology 9;664-675
8. Bissonnette S, Saint-Pierre N, Lamantia V, Cyr Y, Wassef H, Faraj M 2015. Plasma IL-1Ra : linking hyperapoB to risk factors for type 2 diabetes independent of obesity in humans. Nutrition and Diabetes 5(e180): 1-9.
9. Wassef H, Davignon J, Prud’homme D, Rabasa-Lhoret R,Faraj M 2014. Changes in total and central fat mass after a hypocaloric diet associate with changes of apoC-I in postmenopausal obese women. Journal of Clinical Lipidology 8(5):510-9
10. Bissonnette S, Salem H, Saint-Pierre N, Tardif A, Wassef H, Baass A, Dufour R, Faraj M. 2013. Low density lipoproteins delay clearance of triglyceride-rich lipoproteins by human subcutaneous adipose tissue. Journal of Lipid Research 54(5):1466-76