

Job posting

Licensed nurse graduate student
Full time

Laboratory:

Laboratory of Nutrition, Lipoproteins and Cardiometabolic Diseases
Institut de recherches cliniques de Montréal (IRCM)
110, avenue des Pins Ouest
Montréal, Québec H2W 1R7

Lab Director:

May Faraj, P.Dt, Ph.D.

Professeure agrégée

Département de Nutrition

Université de Montréal

http://www.nutrition.umontreal.ca/nous_joindre/chercheurs/faraj_may.html

Professeure de recherche invitée

Institut de recherches cliniques de Montréal (IRCM)

www.ircm.qc.ca/faraj

Research direction:

Promotion and prevention of type 2 diabetes in humans: role of lipoproteins and omega-3 fatty acids intervention

Position requirement:

Selected candidate will be part of a team conducting clinical research on risks for type 2 diabetes in humans. He/she will be particularly responsible for conducting gold-standard techniques for the *in vivo* measurements of insulin sensitivity and secretion and postprandial fat metabolism in humans. Moreover, he/she will be examining the role of omega-3 fatty acid intervention in this process.

Required characteristics are:

- Wanting to pursue graduate studies (MSc or PhD) at University of Montréal (Departments of Nutrition or Molecular Biology)
- Minimum requirement: BSc in nursing, with a licence to practice in Québec (member of the **Ordre des infirmières et infirmiers du Québec (OIIQ)**).
- Comfort in working with subjects and samples (recruitment, subjects' follow-up, testing..)
- Personal characteristics: having project management skills, independent, initiative, detailed-oriented, quick learner, team player, organized with interpersonal skills

- Given interaction with study subjects, being bilingual (English and French) is an advantage
- Research experience is an advantage
- Computer skills: Spread sheets, Power-point, statistical programs are an advantage

Ten representative publications of the lab:

1. Bissonnette S, Saint-Pierre N, Lamantia V, Cyr Y, Wassef H, **Faraj M**. Plasma IL-1Ra: linking hyperapoB to risk factors for type 2 diabetes independent of obesity in humans. *In press July 2015. Nutrition and Diabetes*.
2. Wassef H, Bissonnette S, Saint-Pierre N, Lamantia V, Cyr Y, Chrétien M, **Faraj M**. The apoB/ PCSK9 ratio: a new index for metabolic risk in humans. *In press June 2015. Journal of Clinical Lipidology*
3. Wassef H, Davignon J, Prud'homme D, Rabasa-Lhoret R, **Faraj M**. Changes in total and central fat mass after a hypocaloric diet associate with changes of apoC-I in postmenopausal obese women 2014. *Journal of Clinical Lipidology* 8(5):510-9
4. Awan Z, Dubuc G, **Faraj M**, Dufour R, Seidah N, Davignon J, Rabasa-Lhoret R, Baass A. 2014 The Effect of insulin on circulating PCSK9 in postmenopausal obese women. *Clinical Biochemistry* 47(12):1033-9
5. Skeldon AM, **Faraj M**, Saleh M 2014. Caspases and inflammasomes in metabolic inflammation. *Immunology and Cell Biology*. 2014 Apr;92(4):304-13
6. 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
7. Wassef H, Salem H, Bissonnette S, Baass A, Dufour R, Davignon J, **Faraj M**. 2012. White adipose tissue-apoCII secretion; Relation to delayed plasma clearance of dietary fat in humans. *Arteriosclerosis, Thrombosis and Vascular Biology* Nov;32(11):2785-93
8. **Faraj M**, Lavoie ME, Messier L, Bastard JP, Prud'Homme D 2010. Reduction in serum apoB is associated with reduced inflammation and insulin resistance in post-menopausal women: A MONET study. *Atherosclerosis* 211(2):682-8
9. Sniderman AD and **Faraj M**. 2007. ApoB, ApoA-I, Insulin Resistance and the Metabolic Syndrome. *Current Opinion in Lipidology* 18(6):633-7.
10. **Faraj M**, Messier L, Bastard JP, Tardif A, Godbout A, Prud'homme D and Rabasa-Lhoret R. 2006 Apolipoprotein B: a predictor of inflammatory status in post-menopausal overweight and obese women. *Diabetologia* 49(7):1637-46.

Contact information:

Interested candidates should apply through email to may.faraj@ircm.qc.ca