

Séminaire du mardi 10 Mars 2020

de 11h30 à 13h

Salle de conférence RDC
Centre Viggo Petersen
Hôpital Lariboisière
2 rue Ambroise Paré
75010 PARIS



1^{er} Trimestre 2020



Séminaires à venir

INTERVENANTS
EXTERIEURS

← 31/03/2020 :

Raphaël MAREE
University of Liege

Nicolas VENTECLEF

Centre de Recherche des Cordeliers – UMR U1138, Paris



Thème : Inflammation, macrophage,
diabète

« Transcriptional Control of Macrophage
Polarization in Type 2 Diabetes »



Thème :

«Deep Learning»



Monsieur/ Mr : **Nicolas VENTECLEF**
Entrée en fonction / Entry in to office : **2010**
Grade, Statue : **Ph. D**
Domaines / Field : **Métabolisme/Inflammation/Diabète**

5 publications récentes et significatives de l'équipe de recherche / 5 recent and significant publications from the research team :

- 1:** Laurans L, Venteclef N, Haddad Y, Chajadine M, Alzaid F, Metghalchi S, Sovran B, Denis RGP, Dairou J, Cardellini M, Moreno-Navarrete JM, Straub M, Jegou S, McQuitty C, Viel T, Esposito B, Tavitian B, Callebert J, Luquet SH, Federici M, Fernandez-Real JM, Burcelin R, Launay JM, Tedgui A, Mallat Z, Sokol H, Taleb S. Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. *Nat Med.* 2018 Aug;24(8):1113-1120.
- 2:** Drareni K, Ballaire R, Barilla S, Mathew MJ, Toubal A, Fan R, Liang N, Chollet C, Huang Z, Kondili M, Foufelle F, Soprani A, Roussel R, Gautier JF, Alzaid F, Treuter E, Venteclef N. GPS2 Deficiency Triggers Maladaptive White Adipose Tissue Expansion in Obesity via HIF1A Activation. *Cell Rep.* 2018 Sep 11;24(11):2957-2971.e6.
- 3:** Liang N, Damdimopoulos A, Goñi S, Huang Z, Vedin LL, Jakobsson T, Giudici M, Ahmed O, Pedrelli M, Barilla S, Alzaid F, Mendoza A, Schröder T, Kuiper R, Parini P, Hollenberg A, Lefebvre P, Francque S, Van Gaal L, Staels B, Venteclef N, Treuter E, Fan R. Hepatocyte-specific loss of GPS2 in mice reduces non-alcoholic steatohepatitis via activation of PPAR α . *Nat Commun.* 2019 Apr 11;10(1):1684.
- 4:** Fan R, Toubal A, Goñi S, Drareni K, Huang Z, Alzaid F, Ballaire R, Ancel P, Liang N, Damdimopoulos A, Hainault I, Soprani A, Aron-Wisnewsky J, Foufelle F, Lawrence T, Gautier JF, Treuter E, Venteclef N. Loss of the co-repressor GPS2 sensitizes macrophage activation upon metabolic stress induced by obesity and type 2 diabetes. *Nat Med.* 2016 Jul;22(7):780-91.
- 5:** Dalmas E, Toubal A, Alzaid F, Blazek K, Eames HL, Lebozec K, Pini M, Hainault I, Montastier E, Denis RG, Ancel P, Lacombe A, Ling Y, Allatif O, Cruciani-Guglielmacci C, André S, Viguerie N, Poitou C, Stich V, Torcivia A, Foufelle F, Luquet S, Aron-Wisnewsky J, Langin D, Clément K, Udalova IA, Venteclef N. Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. *Nat Med.* 2015 Jun;21(6):610-8.