

Thursday, January 30th, 2020 – 16h30

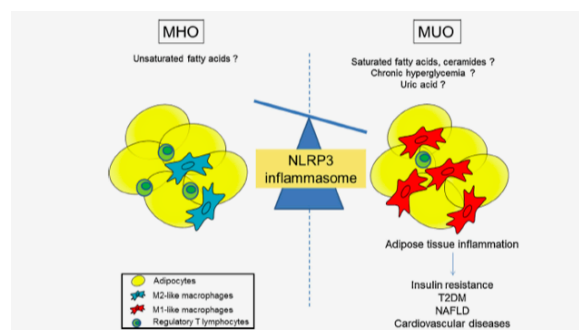
Department of Biomedical Sciences
Seminar room, 6th floor

Inflammation et diabète: aspects physiologiques et perspectives thérapeutiques

Prof. Nicolas Paquot

Service de diabétologie et nutrition
CHU Sart Tilman, Liège

Host : Prof. Luc Tappy



A chronic low-grade inflammation and an activation of the immune system are involved in the pathogenesis of obesity-related insulin resistance and type 2 diabetes.. The objectives of this seminar are to expose recent data supporting the role of the immune system in the pathogenesis of insulin resistance and type 2 diabetes and to examine various mechanisms underlying this relationship. If type 2 diabetes is an inflammatory disease, anti-inflammatory therapies could have a place in prevention and treatment of type 2 diabetes.

References

- Obesity phenotype is related to NLRP3 inflammasome activity and immunological profile of visceral adipose tissue Diabetologia. 2013 ;56:2487-97.
- Inflammation as a link between obesity, metabolic syndrome and type 2 diabetes. Diabetes Res Clin Pract. 2014 ;105:141-50