

“When inflammation meets metabolic diseases”

Friday May 23rd, 2014, amphithéâtre Duclos, Institut Pasteur

8h30-9h00: Welcome

9h00-9h10: Introduction. Francis Berenbaum, INSERM, Univ Paris 06, France

SESSION 1- Inflammation: a trigger of metabolic diseases. (Moderators: Isabelle Couillin, Véronique Witko-Sarsat)

9h10-9h40: Influences of chronic stress on the skeletal system and cancer metastasis Florent Elefteriou, Vanderbilt University, USA

9h40-10h10: Link between senescence and inflammation in human adipose tissue with obesity. Anne Bouloumié, INSERM, Toulouse, France

10h10-10h20: Infrapatellar fat pad induces an inflammatory and a pro-degradative phenotype on autologous fibroblast-like synoviocytes from severe knee osteoarthritis patients. Xavier Houard, INSERM, Univ Paris 06, France

10h20-10h30: Lipopolysaccharides-mediated increase in glucose-stimulated insulin secretion: involvement of the glucagon-like peptide 1 (GLP-1) pathway. Lorène Lebrun, INSERM, Dijon, France

10h30-10h40: Immuno-metabolic involvement of the mineralocorticoid receptor: paradoxical resistance to high fat diet-induced obesity in transgenic mice. Emmanuelle Kuhn, INSERM, Paris-Bicêtre, France

10h40-10h50: A role for Peroxisome Proliferator-Activated Receptor Beta in T cell Development. Jaap Neels, INSERM, Nice, France

10h50-11h45: POSTERS

SESSION 2- Metabolic pathways: roles in inflammatory diseases. (Moderators: Anne Bouloumié, Lhousseine Touqui)

11h45-12h15: innate immunity in obesity and diabetes. Agnes Lehuen. INSERM/Univ Paris 05, France

12h15-12h45: Lipodystrophies, inflammation and metabolic consequences. Corinne Vigouroux. INSERM/Univ Paris 06, France

12h45-12h55: The small GTPase Rab4b in lymphocytes controls glucose metabolism in mice. Mireille Cormont, INSERM, Nice, France

12h55-13h05: Alkylglycerol monooxygenase, regulation in murine macrophages and impact on the lipidome. Ernst Werner, Innsbruck Medical Univ, Innsbruck, Austria

13h05-13h15: Implication of the inflammatory kinase Tpl2 in cytokine- and macrophage induced insulin resistance. Jean-François Tanti, INSERM, Nice, France

13h15-14h15: Lunch

14h15-15h15: POSTERS

SESSION 3- Opportunities for new therapeutic targets. (Moderators: Xavier Norel, Florent Elefteriou)

15h15-15h45: SIRT-1 as a target for atherosclerosis. Christian M Matter, Univ of Zurich, Switzerland

15h45-16h15: Revisiting NF- κ B: future targets in metabolic diseases. Georg Schett, Erlangen, Germany

16h15-16h25: Regulation of vascular tone in human grafts by PGE2 derived from perivascular adipose tissue. Gülsev Özen, Univ Istanbul, Turkey

16h25-16h35: Role of ciliary dysfunction in obesity and insulin resistance. Laurence Poekes, UCL, Brussels, Belgium

16h35-16h45: Selected probiotic mixture counteracts diet-induced obesity and insulin resistance in mice through the remodeling of adipose tissue cell population and microbiota composition. Corinne Grangette, INSERM/CNRS/Pasteur, Lille, France

16h45-17h30- Keynote Lecture. Moderator: Francis Berenbaum

“Is dysbiosis of intestinal microbiota a target for the metabolic syndrome?” Karine Clement, INSERM/Univ Paris 06, France

17h30-17h45: Closing remarks: Francis Berenbaum, INSERM, Univ Paris 06, France