

3rd Symposium of the Occitanie Network on Monocytes - Macrophages

Montpellier, 29 November, 2019



8h30 – 8h55 **OPENING OF THE REGISTRATION DESK**

8h55 – 9h00 **SYMPOSIUM INTRODUCTION**

Florence Apparailly (MCM) & Francois Canonne-Hergaux (MCT)

9h00 – 10h30 **SESSION 1: MO / M ϕ and resolution of tissue inflammation**

Chairs: Farida DJOUAD & François CANONNE-HERGAUX

9h00 – 9h35 **KEYNOTE LECTURE 1 - Bénédicte CHAZAUD (INMG, Lyon)**

New crosstalk between signaling pathways triggering the resolution of inflammation in macrophages

9h35 – 10h00 **LECTURE 1 - Etienne MEUNIER (IPBS, Toulouse)**

How the context shapes regulated necrosis effectiveness against infections

10h00 – 10h15 **Selected abstract 1: Raphaël GAUDIN (IRIM, Montpellier)**

Zika virus enhances monocyte adhesion and transmigration, favoring viral dissemination to the CNS

10h15 – 10h30 **Selected abstract 2: Tamara SIPKA (LPHI, Montpellier)**

Early wound signals mediate macrophage recruitment and polarization

10h30 – 11h00 **Coffee break / Poster Session**

(30') **Exhibition & Sponsors**



11:00 - 12:15 **SESSION 2: MO / M ϕ and cardiovascular diseases**

Chairs: Mary POUPOT & Gabriel COURTIES

11h00-11h35 **KEYNOTE LECTURE 2 – Jean-Sébastien Sylvestre (PARCC, Paris)**

Macrophages and cardiac repair

11h35-12h00 **LECTURE 2 – Ash MAROOF (UCB, London, UK)**

Regulation of IL-17F and its role in driving chronic inflammatory diseases

12H00-12H15 **Selected Abstract 3: Johanna MERLIN (C3M, Nice)**

Myeloid cell glutaminolysis controls monocyte numbers and macrophage efferocytosis during atherosclerosis

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12h15-14h00

Lunch / Networking / Poster Session

(1H45)

Exhibition & Sponsors



14:00 - 15:30

SESSION 3: MO / M ϕ and factors regulating their fate

Chairs: Isabelle DUROUX-RICHARD & Céline COUGOULE

14h00-14h35

KEYNOTE LECTURE 3 – Elodie SEGURA (Inst. Curie, Paris, France)

Monocyte differentiation into macrophages versus dendritic cells in steady-state and inflammation

14h35-15h15

LECTURE 3 - Thomas HENRY (CIRI-Lyon, France)

Monocytes and inflammasomopathies

15h15-15h30

Selected Abstract 4: Océane DUFIES (C3M, Nice)

Innate immune sensing of RhoGTPases activating toxins

15h30-16h00

Coffee break / Poster Session

(30')

Exhibition & Sponsors



16h00-16h45

SESSION 4: MO / M ϕ diversity in autoimmune inflammation

Chairs: Karima KISSA & Florence APPARAILLY

16h00-16h15

Selected Abstract 5: Marion STUNAU (C3M, Nice)

Adipose tissue lipolysis regulates monocyte pool dynamic

16h15-16h55

KEYNOTE LECTURE 4 - Gerhard KRONKE (Universitätsklinikum, Erlangen, Germany)

Macrophage subsets during the pathogenesis of inflammatory and autoimmune disease

16h55-17h00

Concluding remarks