

MINI SYMPOSIUM

Molecular Bases of Pathologies department
Institute of Human Genetics

Faculté de Médecine-Montpellier
Amphithéâtre d'Anatomie
2 Rue de l'École de Médecine
34000 Montpellier

Organizing committee:
Monsef BENKIRANE,
Pierre CORBEAU &
Nadine LAGUETTE

16 & 17th June 2022

Viruses & Immunity

DAY 1: Immunology 14h-18h

- Plenary Talk : Pr. Eric Vivier (CIML, Marseille) - *Harnessing innate immunity in cancer therapies*
- Session 1 : Crosstalk between innate immunity & other cellular pathway

DAY 2: Virology 9h-18h

- Plenary Talk : Pr. Philippe Sansonetti (Institut Pasteur, Paris) - *Host-Microbiome interaction: the new frontier of cellular microbiology*
- Session 2 : Molecular Virology
- Plenary Talk : Pr. Yves Levy (Vaccine Research Institute, Créteil) - *Dendritic-Cell based vaccine: from HIV to Pan-sarbecovirus vaccine*
- Session 3 : Preventing and treating infectious diseases



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DE MONTPELLIER

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Viruses & Immunity

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16 & 17th June 2022

DAY 1: Immunology 14h-18h

13h30-14h00 - Welcome/Coffee

14h25 - Welcome by the head of the “Molecular Bases of Human Diseases” department - **Angelos Constantinou**

14h30 - Plenary Talk : Pr. Eric Vivier (CIML. Marseille)
Harnessing innate immunity in cancer therapies

Session 1 : Crosstalk between innate immunity & other cellular pathways

- 15h30: Hanane Chamma - Regulation of polyunsaturated fatty acids by STING : role in type I interferonopathies
- 16h05: Yea-Lih Lin - Replication stress, cytosolic DNA and beyond...
- 16h40: Jihane Basbous - The Fanconi anemia protein SLX4 compartmentalizes the sumoylation/ubiquitylation system to control DNA processing reactions
- 17h15: Closing remarks

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Viruses & Immunity

DAY 2: Virology 9h-18h

8h30-9h00 - Welcome/Coffee

9h00 - Plenary Talk : Pr. Philippe Sansonetti (Institut Pasteur. Paris)

Host-Microbiome interaction: the new frontier of cellular microbiology

Session 2 : Molecular Virology

- 10h00: Jean Luc Imler - The insect portfolio of antiviral defenses: evolutionary conserved mechanisms and innovations
- 10h35: Joao Rodrigo Diogo Dias - Investigating the impact of Hepatitis B virus DNA integration in the three-dimensional genome organization of hepatocellular carcinoma
- 11h10: Francesca Di Nunzio - HIV nuclear import and viral DNA synthesis
- 11h45: David Olgarnier - Itaconate derivative suppresses antiviral innate immunity to potentiate oncolytic virotherapy

12h15-14h00 Lunch Break

14h30 - Plenary Talk : Pr. Yves Levy (Vaccine Research Institute. Créteil)

Dendritic-Cell based vaccine: from HIV to Pan-sarbecovirus vaccine

Session 3 : Preventing and treating infectious diseases

- 15h30: Nika Abdollahi - IMG^T®, the international ImMunoGeneTics information system®
- 16h05: Olivier Schwartz - SARS-CoV-2 variant replication, fusion, and sensitivity to neutralizing antibodies
- 16h40: Lucy Kundura - The triumvirate of oxidative stress, cytokine storm and apoptosis in severe COVID-19
- 17h15: Caroline Goujon - Intrinsic and innate immune defenses against SARS-CoV-2
- 17h50: Closing remarks

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