Preliminary Program

InnaSCo symposium: September 5th-6th

FrontInov symposium: September 7th

Precision medicine approaches to inflammatory pathologies: from AI driven discovery to model systems
InnaSCo symposium
2023, September 5th-6th

Preliminary Program

September 5th

SESSION 1: Inflammasomes
13h30-14h15 Franklin Zhong, Skin Research Institute, Singapore
   NLRP1 inflammasome
14h15-14h45 Matthias Geyer, Institute of Structural Biology, Bonn, Germany
   Selective Inhibition of NOD-like Receptors
14h45-15h30 : 3 selected talks

SESSION 2: Type I IFNs/Innate Sensors and Viral infections
16h00-16h30 Karim Majzoub, IGMM, Montpellier, France
   Deltavirus infection in human and animal cells
16h30-17h00 Nadine Laguette, IGMM, Montpellier, France
   Dissecting the crosstalk between type I interferon responses and DNA repair pathways
17h00-17h30 Achille Broggi, CIML, Marseille, France
   IFN-λ control of mucosal repair
17h45-18h10: 1 selected talk + Poster Teaser #1

POSTER SESSION 1 With Wine & Cheese (18h00-20h00)

September 6th

SESSION 3: Innate Sensors & bacterial infections
8h45-9h30 Petr Broz, UNIL, Epalinges, Switzerland
   Pyroptosis, a Lytic Cell Death Coordinating Host Defense and Inflammation
9h30-10h00 Cécile Arrieumerlou, Cochin Institute, Paris, France
   Spatio-temporal dynamics of ADP-heptose sensing during S. flexneri infection
10h00-10h45: 3 selected talks

SESSION 4: Innate Immune System & physiology
11h15-11h45 Gerard Eberl, Pasteur Institute Paris, France
   Modulation of hypothalamic functions by microbiota and cytokines
11h45-12h15 François Leulier, IGFL, Lyon, France
   Microbe-mediated intestinal NOD2 stimulation improves growth of undernourished mice
12h15-12h45 Two selected talks

SESSION 5: Innate Immune System and Cancer
14h30-15h05 Tanaya Shree, Stanford University, USA
   Using innate immune agonists to achieve therapeutic cancer vaccination
15h05-15h40 Stuart Rushworth, Norwich Medical School, UK
   Activating macrophage STING pathway in normal and malignant haematopoiesis
15h40-16h10 Virginie Petrilli, CRCL, Lyon, France
   Non canonical function of NLRP3 in DNA damage response and repair
16h10-16h30: One selected talk + Poster Teaser #2

POSTER SESSION 2 (16h30-18h30)
Preliminary Program

September 7th

SESSION 6. Novel insight into Precision medicine

Chair: Christelle Langevin – Dimitris Vlachakis

09h00-9h45 Steve Renshaw, University of Sheffield, UK KEYNOTE
Inflammation made clear: zebrafish models of immune cell function.

9h45-10h15 Anna Kajaste, SR-Tiget, IT
Nucleic acid sensing and innate immunity in gene engineering

10h15-10h45 Petr Cigler, IOCB, CZ
Designing the interface of nanoparticles operating in biological environments

10h45-11h15 Coffee break

11h15-11h45 Wojtek Cypryk, CMMS, PL
Activation of extracellular vesicles secretion by the non-canonical inflammasome

11h45-12h30 Sophie Ugolini, CIML, FR
Neuronal regulation of immunity: new pathways and therapeutic perspectives

SESSION 7 Towards artificial wisdom: AI as a novel decision making partner.

Chair: Nadine Laguette – Petr Cigler

14h00-14h30 Dimitrios Vlachakis, AUA, GR
Extracellular vesicles, -omics and Inflammation; the paradigm of the study of milk exosomes

14h30-15h00 Nika Abdollahi, IGH, FR
From Data to Insights: Streamlining Adaptive Immune Receptor Repertoire Analysis

15h00-15h30 Samuel Bitoun, Bicêtre hospital, FR
Using AI to diagnose and treat patients with auto-immune diseases

15h30-16h00 Coffee break

16h00-16h45 Frank Augé, Sanofi, FR KEYNOTE
Antibody Drug Conjugate section, Oncology Therapeutic Unit,