

# JDI 2022 - Summary

Monday May 23	Tuesday May 24	Wednesday May 25
7h22 <i>1<sup>st</sup> Departure Paris Montparnasse</i>		
9h35 <i>2<sup>nd</sup> Departure Paris Montparnasse</i>	7h-9h <i>Breakfast</i>	7h-9h <i>Breakfast</i>
	8h50-10h55 <i>Session "Immune Development &amp; Communication"</i>	9h-11h05 <i>Session "Immunity &amp; Infection"</i>
10h30 <i>1st Arrival at the Ker Juliette hotel</i>	10h55-11h05: <i>Sponsor talk</i>	
	11h05-11h25: <i>Coffee Break</i>	11h05-11h35: <i>Coffee Break</i>
11h00-11h30: <i>Coffee</i>	11h25-11h45: <i>Sponsors talks</i>	11h35-12h50 <i>Session "Research support at IP (PartII)"</i>
13h <i>2nd Arrival at the Ker Juliette hotel</i>	11h50-13h05 <i>Session "Cancer &amp; Immunity"</i>	12h25-13h: <i>Conclusion and prizes</i>
13h-14h30 <i>Lunch</i>	13h05-14h30 <i>Lunch</i>	13h-14h30 <i>Lunch</i>
14h45-15h: <i>Introduction</i>	14h30-16h30	14h30-16h20
14h45-16h40 <i>Session "Immunological variability"</i>	<i>Free Time</i>	<i>Free Time</i>
16h40-17h: <i>Sponsors talks</i>	16h30-17h: <i>Coffee</i>	16h25
17h-18h: <i>Coffee break &amp; Check in</i>	17h-19h	<i>Bus transfer to the station</i>
18h-18h20: <i>Sponsors talks</i>	Poster Session	17h22 & 17h32 <i>Train Saint Nazaire</i>
18h25-19h15 <i>Session "Research support at IP (PartI)"</i>		
19h15-20h <i>Keynote Lecture</i>	19h-20h15 <i>Apero quiz</i>	
20h15-21h30 <i>Diner</i>	20h15-2h00 <i>Diner &amp; Party</i>	20h15 & 20h40 <i>Arrival Paris Montparnasse</i>

# Scientific program

Monday, May 23

14h45      **Introduction**

## Session – Immunological variability

15h00      **T01** - Transcriptional regulation of IL23R in human T cells  
Ikram MEZGHICHE (*Immunoregulation – Lars ROGGE*)

15h25      **T02** - Smoking affects innate and adaptive immune responses with persistent effects on adaptive immunity  
Violaine SAINT-ANDRE (*Translational Immunology – Darragh DUFFY*)

15h50      **T03** - Sex difference in the human immune system in physiology and infection  
Léa DELTOURBE (*Mucosal Inflammation & Immunity – Molly INGERSOLL*)

16h15      **T04** - Untangling the NETs - Biological triggers of NET formation  
Vanessa KREMER (*Antibodies in Therapy & Pathology – Pierre BRUHNS*)

16h40      **Merck** - New Antibodies Generation  
Baptiste MÉNARD

16h50      **Quanterix** - Simoa Technologies: Ultra-sensitive Measurements of Biomarkers  
Milena MILUTINOVIC

17h00      *Coffee break at sponsors stands*

18h00      **10X** - Revealing the full depth of immune complexity with single cell and spatial multiomics  
Sergine MONTUY / Salim AISSAOUI

18h10      **Macrogen** - Macrogen, 25 years in the heart of the evolution of sequencing -  
" New technologies, Quality, Speed, Communication"  
Habib BOUAZZI

## Session – Research support at IP (Part I)

18h25      **T05** - CB UTechS - State-of-the-art technologies for immunological research  
Milena HASAN (*Cytometry and Biomarkers UTechS – Milena HASAN*)

18h50      **T06** - Presentation of the Human Disease Models Core facility  
Mathilde DUSSEAUX (*Human Disease models Core facility – Mathilde DUSSEAUX*)

## Keynote lecture

19h15      Alternate DNA breaks and other specific features of the human Ig heavy chain locus  
Michel COGNÉ

Tuesday, May 24

## Session – Immune Development & Communication

- 8h50      **T07** - Interactions at the border: a new niche for hematopoietic progenitors in the fetal liver  
Francisca SOARES-DA-SILVA (*Lymphocytes & Immunity – Ana CUMANO*)
- 9h15      **T08** - Notch, RORC and IL-23 signals cooperate to promote multi-lineage human innate lymphoid cell differentiation  
Carys CROFT (*Innate Immunity – James DI SANTO*)
- 9h40      **T09** - SHLD1 is dispensable for 53BP1-dependent V(D)J recombination but critical for productive class switch recombination  
Estelle VINCENDEAU (*Genome Integrity, Immunity & Cancer – Ludovic DERIANO*)
- 10h05     **T10** - Stromal control of healthy and pathological adipose tissue remodeling and host metabolism  
Douaa AL-DHAHRI (*Stroma, Inflammation & Tissue Repair – Lucie PEDUTO*)
- 10h30     **T11** - Immune-brain communication at the choroid plexus  
Aleksandra DECZKOWSKA (*Brain-Immune Communication – Aleksandra DECZKOWSKA*)
- 10h55     **Biolegend** - From multicolor flow cytometry to multiomics  
Camille BAEY
- 11h05     *Coffee break at sponsors stands*
- 11h25     **R&D/Bio-Techne** - TBA  
TBA
- 11h35     **Thermo Fisher Scientific** - Advanced high throughput Luminex assays: how to accelerate your workflows for protein and gene expression measurement  
Stéphanie Bezin

## Session – Cancer & Immunity

- 11h50     **T12** - Tumor-intrinsic sensitivity to the pro-apoptotic effects of IFN- $\gamma$  is a major determinant of CD4<sup>+</sup> CAR T cell anti-tumor activity  
Morgane BOULCH (*Dynamics of Immune Responses – Philippe BOUSSO*)
- 12h15     **T13** - Translocation inhibitors to defeat refractory Multiple Myeloma  
Antoine DOMENGER (*Immunobiology & Therapy – Caroline DEMANGEL*)
- 12h40     **T14** - The tumor suppressor Adenomatous polyposis coli regulates T lymphocyte migration  
Vincenzo DI BARTOLO (*Lymphocyte Cell Biology – Andres ALCOVER*)
- 16h30     *Coffee*

17h – 19h **Posters session**

Wednesday, May 25

Session – Immunity & Infection

- 9h00      **T15** - NK cell memory to *Streptococcus pneumoniae* infection  
Tiphaine CAMARASA (*Chromatin & Infection – Mélanie HAMON*)
- 9h25      **T16** - Humoral immunity & potent broadly neutralizing antibodies to SARS-CoV-2  
Cyril PLANCHAIS (*Humoral Immunology – Hugo MOUQUET*)
- 9h50      **T17** - *Leptospira interrogans* do not induce macrophage cell death, and avoid pyroptosis and IL-1 $\beta$  release through their atypical lipopolysaccharide  
Delphine BONHOMME (*Biology and Genetics of Bacterial Cell Wall – Ivo GOMPERTS BONECA*)
- 10h15     **T18** - Bacterial sensing via neuronal Nod2 regulates appetite and body temperature  
Ilana GABANYI (*Microenvironment & Immunity – Gérard EBERL*)
- 10h40     **T19** - Spying on viruses: direct in vivo observation and modelling of the propagation of a neurotropic virus in zebrafish larvae and the role of type I interferons  
Valerio LAGHI (*Macrophages & Development of Immunity – Philippe HERBOMEL*)
- 11h05     *Coffee break*

Session – Research support at IP (Part II)

- 11h35     **T20** - A new core facility on the campus for bioassays: Diagnostic Test Innovation & Development  
Thierry ROSE (*Diagnostic Test Innovation and Development Core Facility – Thierry ROSE*)
- 12h00     **T21**- Presentation of the Bioinformatics and Biostatistics HUB  
Sébastien MELLA, Violaine SAINT-ANDRÉ, Gael MILLOT and Bernd JAGLA (*Genomics pole, Bioinformatics and Biostatistics HUB*)
- 12h35     **Conclusion / Prizes ceremony**