



draft programme- 17/06/2025

Single Cell Conference Nantes2025: Deciphering single cell interactions in health and disease

Day 1 –Tuesday 7th October 2025

8h45	Introduction	
	Session 1: Immunity, infectious diseases and inflammation	
9h00	Nicolas Chevrier (University of Chicago, USA) https://pme.uchicago.edu/faculty/nicolas-chevrier	40 minutes (30'+10' Q&A)
9h40	Antoine Roquilly (CR2TI)	25 minutes (20'+ 5' Q&A)
10h05	short talk from one commercial sponsor	10 minutes
10h15	short talk from one commercial sponsor	10 minutes
10h35	Break	
11h	Marie-Astrid Boutet (RMeS, Nantes)	25 minutes (20'+ 5' Q&A)
11h25	3 selected short talks	40 minutes (10'+ 3' Q&A)
12h05	short talk from one commercial sponsor	10 minutes
12h15	short talk from one commercial sponsor	10 minutes
12h15	Lunch	
	Session 2: Development and cancer	
13h30	Mirjana Efremova (Barts Cancer Institute, London, UK) https://www.efremovalab.org/	40 minutes (30'+10' Q&A)
	Vincent Guen (CRCI ² NA, Nantes)	
14h10	<i>Constructing and deconstructing the mammary gland and breast cancers</i>	25 minutes (20'+ 5' Q&A)
14h35	Maxime Mahé (Tens, Nantes)	25 minutes (20'+ 5' Q&A)
15h	3 selected short talks	40 minutes (10'+ 3' Q&A)
15h40	short talk from one commercial sponsor	10 minutes
15h50	short talk from one commercial sponsor	10 minutes
16h	Break	
	Session 3: Regenerative medicine and Transplantation	
16h30	Berta Cillero-Pastor (Spatial Omics for Regenerative Medicine, Maastricht, NL) https://www.maastrichtuniversity.nl/b-cillero-pastor	40 minutes (30'+10' Q&A)
	From single cells to patient stratification: mass spectrometry-based omics approaches	
17h40	Franck Halary (CR2TI, Nantes)	25 minutes (20'+ 5' Q&A)
17h45	3 selected short talks	40 minutes (10'+ 3' Q&A)
18h30	Poster session - networking	



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Day 2 – Wednesday 8th October 2025

Session 4: Cardiology, vascular and metabolism

9h00 **Judith Sluimer** (Cardiovascular research institute, Maastricht, NL)
<https://pathologie.mumc.nl/specialisten/sluimer> 40 minutes (30'+10' Q&A)

Fibroblast identity, function and paracrine communication in vascular pathology

9h40 **Anne-Clémence Vion** (Institut du Thorax, Nantes) & **Polina Arsenteva** (Laboratory of Biology and Modeling of the Cell, ENS Lyon) 25 minutes (20'+ 5' Q&A)

10h05 3 selected short talks 40 minutes (10'+ 3' Q&A)

10h45 Break

Session 5: Methodological Innovations

11h15 **Yad Ghavi- Helm** (Institut de Génomique Fonctionnelle de Lyon, Lyon)
<https://www.ghavihelmlab.com/> 40 minutes (30'+10' Q&A)

11h55 **Jérémy Poschmann** (CR2TI, Nantes) 25 minutes (20'+ 5' Q&A)

12h20 3 selected short talks 40 minutes (10'+ 3' Q&A)

13h00 **End of session**

Training in Bioinformatics « Analysis of Single Cell data: introduction to spatial data analysis »

14h00 -17h00 *limited to 20 participants*

Supported by Health & Biology Nantes Graduate Programmes:

-  Immunology and Immuno-intervention (I³)
-  Oncology, Hematology et Nuclear Medicine (OHNU)
-  Microbiota, Gut, Brain, Food, Health (MICAS)
-  The "4R" Medicine: Repair, Replace, Regenerate, Reprogramme (M4R)
-  Innovation for Cardiovascular, metabolic and respiratory diseases (InnoCARE)

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