



19-21 May 2025



Human Technopole  
Milan

# Neurogenomics Conference



conference



# PROGRAMME

DAY 1

19 May 2025

<b>09:00-09:30</b>	<b>Arrival and registration</b>	@ Reception of HT Auditorium
<b>09:30-10:00</b>	<b>Welcome coffee</b>	@ HT Covered Plaza
<b>10:00-10:15</b>	<b>OPENING</b>	@ HT Auditorium
	<b>Session I - Neurodevelopment</b> (chair: Nereo Kalebic, HT, IT)	
10:15-10:40	What made our brain so big and us smarter than Neandertals?	Wieland <b>Huttner</b> , MPI-CGB, DE (remote)
10:40-10:50	Talk 10'	<i>Selected Speaker from abstracts</i>
10:50-11:15	Temporal control of Neurogenesis	Baasem <b>Hassan</b> , ICM, FR
11:15-11:25	Talk 10'	<i>Selected Speaker from abstracts</i>
11:25-11:35	Talk 10'	<i>Selected Speaker from abstracts</i>
11:35-11:45	Talk 10'	<i>Selected Speaker from abstracts</i>
<b>11:45-13:55</b>	<b>Lunch</b>	@ HT Covered Plaza
	<b>Session II - Neurodevelopment</b> (chair: Elena Taverna, HT, IT)	
13:55-14:05	Talk 10'	<i>Selected Speaker from abstracts</i>
14:05-14:30	Gene regulation in response to neuronal activity	Yukiko <b>Gotoh</b> , University of Tokyo, JP
14:30-14:40	Talk 10'	<i>Selected Speaker from abstracts</i>
14:40-15:05	Coordinated remodeling of neural stem cell epigenome and cell fate bias during mouse cortical development	Boyan <b>Bonev</b> , Helmholtz Pioneer Campus, DE
<b>15:05-15:35</b>	<b>Coffee</b>	@ HT Covered Plaza
	<b>Session III - Brain Evolution</b> (chair: Federico Rossi, IIT, IT)	
15:35-16:00	Mapping development of the human brain using high-throughput genomics	Tom <b>Nowakowski</b> , UCSF, US
16:00-16:10	Talk 10'	<i>Selected Speaker from abstracts</i>
16:10-16:35	Timing mechanisms linking development and evolution of the human brain	Pierre <b>Vanderhaeghen</b> , VIB, BE
16:35-16:45	Talk 10'	<i>Selected Speaker from abstracts</i>
16:45-17:10	Talk 25'	Roberto <b>Toro</b> , Institut Pasteur, FR
<b>17:10-18:10</b>	<b>Keynote Speaker</b> - Constructing and deconstructing the human nervous system to study development and disease	Sergiu <b>Pasca</b> , Stanford University, US <i>introduced by Giuseppe Testa</i>
18:10-18:30	Walking time to Triulza Academy	
<b>18.30-21:30</b>	<b>Light Refreshment &amp; Posters</b>	@ Triulza Academy



### Session IV - Neurodegeneration and regeneration (chair: Jose Davila-Velderrain)

09:00-09:25	Regeneration of a tetrapod nervous system	Elly <b>Tanaka</b> , IMBA, AT
09:25-09:35	Talk 10'	<i>Selected Speaker from abstracts</i>
09:35-10:00	Body-brain communication at the choroid plexus	Aleksandra <b>Deczkowska</b> , Institut Pasteur, FR
10:00-10:10	Talk 10'	<i>Selected Speaker from abstracts</i>
10:10-10:35	Single-Cell and Spatial Transcriptomics and Epigenomics of Oligodendroglia in Development and in Multiple Sclerosis	Gonçalo <b>Castelo-Branco</b> , Karolinska Institute, SE
10:35-11:00	The EMBO Keynote Lecture - From correlation to mechanisms: how genetics determine your risk of Alzheimer's disease	Bart <b>De Strooper</b> , VIB, BE

**11:00-11:30 Coffee** @ HT Covered Plaza

### Session V - Neuroimmunology (chair: Oliver Harschnitz, HT, IT)

11:30-11:55	Leveraging single cell technologies to engineer the immune system	Ido <b>Amit</b> , Weizmann Institute, IL
11:55-12:05	Talk 10'	<i>Selected Speaker from abstracts</i>
12:05-12:30	Tau uptake, processing and secretion by human iPSC-microglia	Sally <b>Cowley</b> , University of Oxford, UK
12:30-12:40	Talk 10'	<i>Selected Speaker from abstracts</i>
12:40-13:05	Mapping and modeling brain macrophages	Florent <b>Ginhoux</b> , A-STAR, SG

**13:05-14:15 Lunch** @ HT Covered Plaza

### Session VI - Stem cell and organoid disease modelling

(chair: Veronica Krenn, Milano-Bicocca, IT)

14:15-14:40	Talk 25'	Simona <b>Lodato</b> , Humanitas RC, IT
14:40-14:50	Talk 10'	<i>Selected Speaker from abstracts</i>
14:50-15:15	Cellular Crosstalk in Brain Development	Silvia <b>Cappello</b> , LMU, DE
15:15-15:25	Talk 10'	<i>Selected Speaker from abstracts</i>
15:25-15:50	Talk 25'	Guo-li <b>Ming</b> , University of Pennsylvania, US

**15:50-16:20 Coffee** @ HT Covered Plaza

**16:20-17:20 Meet the Speakers** *PhD/Postdocs Groups*

17:30-18:45 Transfer to UniMi Meeting point: HT Covered Piazza

**18:45-19:45 Keynote Speaker** - The idea of the brain and the future of neuroscience  
Matthew **Cobb**, The University of Manchester, UK  
*introduced by Giuseppe Testa @ University of Milan, Aula Magna, via Festa del Perdono 7*

**19:45-21:30 Light refreshment** @ University of Milan, Cortile del '700, via Festa del Perdono 7



## Session VII - Cancer neuroscience

(chair: PhD/postdoc Rep, HT, IT)

08:45-09:10	A brain-wide neuronal circuit connectome of human glioblastoma	Hongjun <b>Song</b> , University of Pennsylvania, US
09:10-09:20	Talk 10'	<i>Selected Speaker from abstracts</i>
09:20-09:45	Talk 25'	Claire <b>Magnon</b> , INSERM, FR
09:45-09:55	Talk 10'	<i>Selected Speaker from abstracts</i>
09:55-10:20	Talk 25'	Varun <b>Venkataramani</b> , DKFZ, DE
<b>10:20-10:50</b>	<b>Coffee</b>	@ HT Covered Plaza

## Session VIII - Neurodiversity in language and cognition

(chair: Giuseppe Testa, HT, IT)

10:50-11:15	The Human Condition through Human Conditions	Cedric <b>Boeckx</b> , ICREA, ES
11:15-11:40	The genetic architecture of autism: from medicine to neurodiversity	Thomas <b>Bourgeron</b> , Institut Pasteur, FR
11:40-11:50	Talk 10'	<i>Selected Speaker from abstracts</i>
11:50-12:15	Talk 25'	Daniel <b>Geschwind</b> , UCLA, US
12:15-12:40	Tracing Neurogenomic Disorders Across Human Phenotypes	Armin <b>Raznahan</b> , NIH, US
<b>12:40-13:45</b>	<b>Lunch</b>	@ HT Covered Plaza
<b>13:45-14:00</b>	<b>Best poster award</b>	@ HT Auditorium
<b>14:00-15:00</b>	<b>Keynote Speaker</b>	Elisabeth <b>Binder</b> , Max Planck Institute of Psychiatry, DE <i>introduced by Giuseppe Testa</i>

## CLOSING REMARKS & DEPARTURE

