

# NEX<sup>T</sup> GENER3RATION RESEARCH

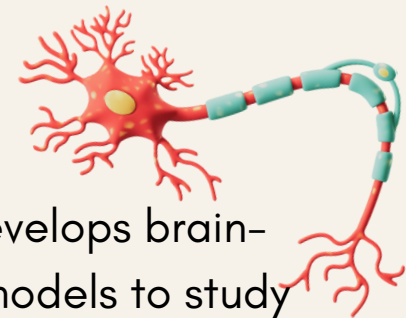
*GENOVA, 18-19 SEPTEMBER, 2025*

**MARTINA BROFIGA**  
**[martina.brofiga@dibris.unige.it](mailto:martina.brofiga@dibris.unige.it)**



Assistant Professor  
Department of Informatics,  
Bioengineering Robotics and Systems  
engineering

University of Genova, Italy



Martina develops brain-  
on-a-chip models to study  
neuronal activity using  
primary and iPSC-derived  
neurons.

# NEXT GENERATION RESEARCH

*GENOVA, 18-19 SEPTEMBER, 2025*

**LUDOVICA CACOPARDO**  
**[ludovica.cacopardo@unipi.it](mailto:ludovica.cacopardo@unipi.it)**



Assistant Professor  
Department of Information Engineering

University of Pisa, Italy



Ludovica's research is addressed to the design of human-relevant in-vitro models. She is now focusing on cell migration as a function of microenvironment space-time warping.

# NEXT GENERATION RESEARCH

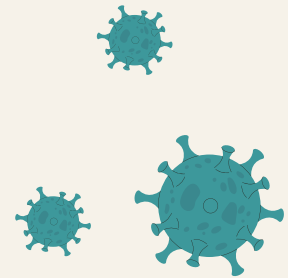
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**OLIVER HARSCHNITZ**  
**[oliver.harschnitz@fht.org](mailto:oliver.harschnitz@fht.org)**



Principal Investigator  
Neurogenomics Research Centre

Human Technopole, Milan, Italy



Oliver develops novel human stem cell technology, leveraging them to study the molecular mechanisms underlying neurological disorders caused by neuroinflammation and viral infection

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**ALEXANDRA SCHAFFERT**  
**[alexandra.schaffert@tuni.fi](mailto:alexandra.schaffert@tuni.fi)**



Post-Doc Researcher  
Finnish Hub for Development and Validation of  
Integrated Approaches  
Faculty of Medicine and Health Technology

Tampere University, Finland

Alexandra is an expert in  
integrating in vitro systems,  
omics, and biological models  
to advance Non Animal  
Methods (NAMs) for applied  
toxicological research.

