



Curriculum Vitae

Personal information **Ilaria Galasso**

Work experience

- **Postdoctoral researcher, INEM, Paris (Dec 2024-to present)**

I am continuing my research on PIK3CA-related overgrowth syndromes (PROS) in Professor CANAUD's team, focusing on finalizing key experiments and completing pending publications. During this time, I have also had the opportunity to mentor graduate students and collaborate with clinicians

- **PhD student Marie-Curie (MSCA) doctoral fellowship, INEM, Paris (Nov 2021-Dec 2024)**

During my PhD, under the supervision of Prof. CANAUD, I investigated PIK3CA-related overgrowth syndromes (PROS), focusing on the impact of PIK3CA mutations on cellular behavior, metabolic reprogramming, and immune cell infiltration. My research aimed to identify combinatory treatment strategies to modulate immune responses and enhance therapeutic outcomes. This project was funded by the European Union as part of an international consortium dedicated to studying the PIK3 molecular pathway, fostering collaboration among leading institutions across Europe.

- **Research fellow, Istituto San Raffaele Telethon per la Terapia Genica di Milano SR-Tiget, Milan (Apr 2019-Oct 2021)**

As a research fellow at SR-TIGET, I worked in a translational medicine laboratory specializing in gene therapy under the supervision of Prof. Gentner and of Prof. Naldini. My research focused on developing innovative strategies for the engineering and expansion of hematopoietic stem cells (HSCs) for therapeutic applications. I conducted my work in a Good Manufacturing Practice (GMP)-qualified laboratory, contributing to the optimization of protocols for the ex vivo engineering and expansion of human HSCs for gene therapy, specifically targeting mucopolysaccharidosis type I.

Education and training

- **Ph.D. in Biologie cellulaire et moléculaire, Physiologie, Physiopathologie, Paris, (Nov 2021 - Dec 2024)**

with honors

- **Master degree in Biotecnologie Mediche Molecolari e Cellulari, Vita Salute San Raffaele University, Milan (Oct 2017 - Jan 2020)**

110/110 cum laude

- **Bachelor degree in Biotecnologie, Sapienza University of Rome, Rome (Oct 2014 - Oct 2017)**

110/110 cum laude

Additional information

Publications

Projects

Memberships

Other Relevant Information

Languages: Italian mother tongue, English level C1, French Basic proficiency

Excellent knowledge in: MS Office (Word, Excel, PowerPoint, Outlook), Canva, WordPress

Presentation skills: Delivered research findings at international conferences and seminars

Scientific writing: Authored and contributed to peer-reviewed publications

Strong critical thinking and problem-solving abilities

Habilitation as Professional Biologist, Rome, 2020, Federazione Nazionale degli Ordini dei Biologi

Cambridge First Certificate in English