



Marco Rosichini

PhD student in Molecular Medicine
Research Fellow at Bambino Gesù
Children's Hospital

CONTACTS

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🌐 <https://www.linkedin.com/in/marco-rosichini-32bb5b18a/>

LANGUAGES

Italian Native
English Fluent

INTERESTS

- Since 2015: AGESCI scout educator of children and youth
- Trekking

EDUCATION

- Oct 2021– present **PhD student in Molecular Medicine**
Sapienza University, Rome
- July 2019 **Pre-doctoral school in Quantitative Biology**
IFOM – The FIRC Institute of Molecular Oncology, Milan
- Mar 2017 – Mar 2019 **Master's degree in Biology applied to Molecular, Cellular and Physiopathological research**
Roma Tre University, Rome
Mark: 110/110 cum Laude
- Oct 2012 – Dec 2016 **Bachelor's degree in Biological Sciences**
Roma Tre University, Rome
Mark: 103/110

WORK EXPERIENCE

Research Fellow | Bambino Gesù Children's Hospital (Rome)

Dec 2019 - present

In December 2019 I joined the lab of Immune Regeneration and Experimental Hematology headed by Dr. Enrico Velardi. Here, I am interested in the development of new strategies to accelerate hematopoietic recovery and boost T cell function in immunocompromised patients.

Thesis work | Regina Elena National Cancer Institute (Rome)

Mar 2018 – Mar 2019

SKILLS

Curiosity	★ ★ ★ ★ ★
Teamwork	★ ★ ★ ★ ★
Time management	★ ★ ★ ★ ★
Adaptability	★ ★ ★ ★ ★

SIGNIFICANT EXPERIENCES

In July 2019, I was selected to participate to a 2-weeks summer school at IFOM, site in Milan. 20 people from different countries and with different backgrounds (biologists, physics, engineers and mathematicians) were divided into two groups whose goal was to answer to a biological question through both design and realization of the strategy.

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CONFERENCE PRESENTATIONS

XIII congress of the Italian Society of Immunology, Clinical Immunology and Allergology – University of Naples Federico II – Naples, Italy
Oral Communication

PUBLICATIONS

Journal Articles

Rosichini M¹, Bordini V¹, Silvestris DA, Mariotti D, Matusali G, Cardinale A, Zambruno G, Condorelli AG, Flamini S, Genah S, Catanoso M, Del Nonno F, Trezzi M, Galletti L, De Stefanis C, Cicolani N, Petrini S, Quintarelli C, Agrati C, Locatelli F, Velardi E. SARS-CoV-2 infection of thymus induces loss of function which correlates with disease severity. *The Journal of Allergy and Clinical Immunology*, 2023. <https://doi.org/10.1016/j.jaci.2023.01.022>

Rosichini M, Catanoso M, Screpanti I, Felli MP, Locatelli F, Velardi E. Signaling crosstalks drive generation and regeneration of the thymus. *Frontiers in Immunology*, 2022. <https://doi.org/10.3389/fimmu.2022.920306>

Peer-reviewed abstracts

Rosichini M, Cardinale A, Catanoso M, Genah S, Flamini S, Benini F, De Luca CD, Locatelli F, Velardi E. Novel mechanisms regulating thymic recovery following haematological insults. *International retreat of PhD students in immunology*, 2022.

Rosichini M, Bordini V, Mariotti D, Cardinale A, Matusali G, Catanoso M, Zambruno G, Condorelli AG, Flamini S, Trezzi M, Galletti L, Quintarelli C, Agrati C, Locatelli F, Velardi E. The impairment of thymic function observed in COVID-19 patients correlates with disease severity. *XIII SIICA National Congress*, 2022. <https://www.siica2022.it/wp-content/uploads/2022/05/siica2022-abstract-0517.pdf>

Flamini S, Galaverna F, Boccieri E, De Luca CD, Benini F, Quagliarella F, Rosichini M, Catanoso M, Cardinale A, Volpe G, Pitisci A, Coccetti M, Carta R, Del Bufalo F, Bertaina V, Becilli M, Pagliara D, Algeri M, Merli P, Velardi E, Locatelli F. Impaired mucosal-associated invariant T cells recovery and function in pediatric patients following allo-HCT. *XIII SIICA National Congress*, 2022. <https://www.siica2022.it/wp-content/uploads/2022/05/siica2022-abstract-0517.pdf>

PERSONAL DATA TREATMENT AUTHORIZATION

In compliance with the GDPR and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Rome, 7th March 2023

Marco Rosichini