

CURRENT POSITION	Research Fellow, Sapienza University of Rome – Department of Chemistry and Technology of Drugs
RESEARCH TOPICS	Design and synthesis of bioactive compounds for pharmaceutical applications

## EDUCATION AND TRAINING

November 2022 - October 2025	PhD thesis “Alternative therapeutic strategies in the fight against antibiotic resistance”, Sapienza University of Rome – Department of Chemistry and Technology of Drugs
July 2022	Qualification to the profession of pharmacist
October 2016 - May 2022	Master’s degree in Medicinal Chemistry, Sapienza University of Rome
September 2011 - July 2016	High School Diploma

## WORK EXPERIENCE

May 2021 - May 2022	Experimental thesis
July 2020 - January 2021	Professional internship

## MAIN RESEARCH EXPERIENCES

February– June 2025	PhD visit at the Royal College of Surgeons in Ireland, Dublin (Ireland)
June–July 2023	Short-Term Scientific Mission (STSM), within the framework of COST Action CA21145 – EURESTOP at the University of Patras (Greece)

## OTHER RELEVANT EXPERIENCES

Oral communications:

16 July 2025	Workshop: “RESEARCH TO IMPACT: The Value of Innovation (FP7 Workshop 2025 – Latest Updates)
23-24 June 2025	Congress: Autumn Meeting of Young Chemists in Biomedical Sciences 2025 (AMYC-BIOMED 2025)”; Palermo, Italy
17 November 2023	Conference: Doctoral and FP7 Researchers’ Day of Rome Technopole, Rome (Italy)

## Poster Presentations:

23–25 September 2024	Congress: Autumn Meeting of Young Chemists in Biomedical Sciences 2024 (AMYC-BIOMED 2024), Rome (Italy)
18 March 2024	Conference: Applied research, technological development, innovation, and research infrastructures; Rome (Italy)

## Participation in scientific events:

4 July 2025	WG meeting of COST Action CA21145, Brussels, Belgium
25–27 March 2024	Training School of COST Action CA21145, Rome (Italy)
21-22 March 2024	3 <sup>rd</sup> Meeting of Cost Action (Ca21145 EURESTOP), Rome (Italy)
10-14 September 2023	Conference: 41st National Conference of the Organic Chemistry Division of the Italian Chemical Society

## Scientific outreach / public engagement:

25 October 2024	Third Mission activities – Maker Faire 2024, Rome (Italy)
29 September 2023	Third Mission activities – European Researchers' Night 2023 – Public outreach on antibiotic resistance; Rome (Italy)

## ADDITIONAL INFORMATION

## Publications:

April 2025	Pastore V., Frison J., Pesce C., <u>Ryzhuk M.</u> , Garofalo M., Cristoferi M., Cammarone S., Fabrizio G., Bonaccorsi Di Patti M. C., Quaglio D., Ghirga F., Imperi F., Mori M., Caliceti P., Botta B., Ascenzioni F. & Salmaso S.; <b>“Development of nanovehicles for co-delivery of colistin and ArnT inhibitors”</b> . <i>Int. J. Pharm.</i> <b>2025</b> , 125515, doi: <a href="https://doi.org/10.1016/j.ijpharm.2025.125515">https://doi.org/10.1016/j.ijpharm.2025.125515</a> .
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## Research/grant context:

November 2024	Recipient of the “Avvio alla Ricerca – Type 1” Research Grant, 2024
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