

Giorgia Ailuno

Researcher

EDUCATION AND TRAINING

[20/05/2021](#)

PhD in Science and Technology of Chemistry and Materials

Achievement (cum laude) of the PhD in Science and Technology of Chemistry and Materials, curriculum in Pharmaceutical, Food and Cosmetic Sciences, with a thesis entitled “Development and characterization of nanoconjugated systems for therapeutic targeting of pathological inflammatory markers”.

University of Genova

[06/12/2017](#)

License to practice as a pharmacist

University of Genova

[18/07/2017](#)

Master’s Degree in Pharmaceutical Chemistry and Technologies

Achievement of the Master’s Degree in Pharmaceutical Chemistry and Technologies, with an experimental thesis entitled “Novel selective inhibitors of phosphodiesterases 4D (PDE4D) with 3-phenyl-1H-pyrazole structure as potential useful agents in the treatment of neurodegenerative diseases” (final grade: 110/110 cum laude).

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EXPERIENCE

MAIN SEMINARS

[2023/2024](#) Nanotechnologies and nanodrugs

Seminar entitled in the context of the PCTO program.

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[22/10/2020](#) Exosomes: emerging nanocarriers for drug delivery

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EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

[2024-2025](#) Topical Advisory panel member for the journal *Pharmaceutics*

[2023-2025](#) Guest Editor for the journal *Pharmaceutics*

Guest Editor of two Special Issues of the journal *Pharmaceutics*, entitled “Novel Technological Approaches for Targeted Drug Delivery Systems” and “Application of Phytochemicals in Innovative Drug Delivery Systems and Formulations”.

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES**28/11/2024 Best Oral Presentation Award**

Winning of the "Best Oral Presentation Award" at the workshop "Intreccio di saperi tra accademia e industria: il caso dei complex drugs" held in Milano on 27-28 November 2024, with a presentation entitled "Development and characterization of cell membrane-derived vesicles for glioblastoma treatment".

PDA Italy Chapter

30/10/2024 INTELLECTUAL PROPERTY AWARD 2023

Special prize for Women Entrepreneurship in the MED TECH technological field conferred by INVITALIA in the context of the INTELLECTUAL PROPERTY AWARD 2023, organized by the General Directorate for the protection of the intellectual property-Italian Patent and Trademark Office of the Ministry of Enterprises and Made in Italy in collaboration with NETVAL, for the patent "Metodo di produzione di matrici compatte gastroritensive per il rilascio controllato di sostanze attive e matrici compatte così ottenute". The prize consists of a 10.000,00 € prize. The patent has been also presented, by one member of our research team, at the Osaka Universal Exposition 2025.

Ministry of Enterprises and Made in Italy in collaboration with NETVAL

08/07/2024 Top Poster Award

Winning of the "Top Poster Award" for the poster entitled "Boron-loaded bio-vesicles for BNCT of glioblastoma", presented at the CRS 2024 Annual Meeting and Exposition held in Bologna (8-12 July 2024).

CRS – Controlled Release Society

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS**01/01/2022 Licensing of a patent for Industrial Invention**

The patent for Industrial Invention n. 102021000006776, granted on 27/03/2023, has been licensed to Cosmo Tech. Ltd. from January 1, 2022; this license also led to the activation of a research grant.

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OTHER EXPERIENCES**28/02/2025 National Scientific Habilitation**

Achievement of the National Scientific Habilitation in the academic recruitment field 03/D2, academic discipline CHEM08-A (ex CHIM/09).