



Sonya Salamone

Nationality: Italian **Date of birth:** 16/06/1998 **Email:** sonyasalamone@outlook.it

Email: sonya.salamone@phd.unict.it

Home: Catania (Italy)

EDUCATION AND TRAINING

Ph.D student in Neuroscience

University of Catania [01/08/2023 – Current]

City: Catania | Country: Italy

PhD funded with PNRR funds - HEAL ITALIA "Health Extended ALLiance for Innovative Therapies, Advanced Lab-research, and Integrated Approaches of Precision Medicine"

Supervisor: Prof. Rosario Pignatello, Co-supervisor: Prof. Teresa Musumeci

Completed certified course (theory + practice) on the use of rodents in research – qualified for Functions A (procedure execution), C (animal care), and D (killing of animals), per EU Directive 2010/63/EU.

Center for Advanced Preclinical in vivo Research, University of Catania [27/05/2025]

City: Catania | Country: Italy

Qualification to the profession of Pharmacist

University of Catania [26/07/2023]

City: Catania | Country: Italy

Esami di Stato I Sessione 2023

Master's degree in Pharmacy

University of Catania [01/10/2017 – 18/04/2023]

City: Catania | Country: Italy | **Final grade:** 110/110 cum laude, nominated for the "Premio Ordine dei Farmacisti Catania" | **Thesis:** Experimental thesis: "Preparation e characterization of polymeric nanoparticles for potential imaging application"

Professional skills acquired during the experimental thesis:

- Good competence in the use of laboratory instruments: freeze dryer, rotary evaporator, pH meter, Probe Sonicator, centrifuge;
- Good skills in the use of Photon Correlation Spectroscopy (PCS), spectrofluorimeter, UV spectrophotometer and Differential Scanning Calorimeter (DSC);
- Knowledge and experience in the preparation and characterization of polymeric nanoparticles, nanocapsules and nanocrystals.

Course on "health and safety in the workplace"

University of Catania [05/04/2022 – 07/04/2022]

Linguistic high school diploma

"Abramo Lincoln" high school [2012 – 2017]

City: Enna | Country: Italy | **Final grade:** 100/100 cum Laude

WORK EXPERIENCE

 **University of Catania**

Volunteer research worker

[01/06/2023 – 31/07/2023]

Volunteer research worker at Laboratory of Drug Delivery Technology - Department of Drug and Health Sciences

 **Pesco & C. snc** – Assoro, Italy

City: Assoro | Country: Italy

Internship as pharmacist

[06/2021 – 01/2022]

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Spanish

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

CONFERENCES & SEMINARS

[15/05/2025 – 17/05/2025] Bari, Italy

CRS ItalyLocal Chapter Workshop

Poster communication: **Salamone S.**, Manin S., Cimino C., Bonaccorso A., Carbone C., Musumeci T, Pignatello R. Quali ty by Design approach for the development of ε-poly-L-lysine-lecithin nanocapsules for intranasal administration.

[08/05/2025] Catania, Italy

Pharmaday 2025

Poster communication: **Salamone S.**, Musumeci T., Manin S., Carbone C., Cimino C., Bonaccorso A., Pignatello R. Design of Experiment approach for the development of 7,8-Dihydroxyflavone loaded ε-poly-L-lysine-lecithin nanocapsules: a systematic optimization strategy.

[02/09/2024 – 04/09/2024] Pavia, Italy

1st SITELF National PhD summer school (XXIII ADRITELF National PhD school)

Poster communication: **Salamone S.**, Craparo F., Bonaccorso A., Carbone C., Pellitteri R., Scialabba C., Musumeci T., Cavallaro G., Pignatello R. NiR labelled PEG-PLGA/ PHEA-g-Dy700-g-PLA nanoparticles as a powerful tool for optical imaging.

[14/06/2024 – 16/06/2024] Palermo, Italy

Forum Nazionale sulla medicina di precisione

Poster communication: **Salamone S.**, Manin S., Musumeci T., Pignatello R. Nose-to-Brain delivery of nanomedicine to delay cognitive impairment related to metabolic syndrome.

[05/10/2023 – 07/10/2023] Palermo, Italy

CRS ItalyLocal Chapter Workshop

Poster communication: **Salamone S.**, Craparo F., Bonaccorso A., Carbone C., Cabibbo M., Di Girolamo S., Terribile G., Sancini G., Cavallaro G., Pignatello R., Musumeci T. Nose-to-Brain delivery of NiR labelled PEG PLGA/ PHEA Dy700 PLA nanoparticles.

PUBLICATIONS

[2023]

The Therapeutic Potential of Novel Carnosine Formulations: Perspectives for Drug Development

Bonaccorso, A.; Privitera, A.; Grasso, M.; Salamone, S.; Carbone, C.; Pignatello, R.; Musumeci, T.; Caraci, F.; Caruso, G. The Therapeutic Potential of Novel Carnosine Formulations: Perspectives for Drug Development. *Pharmaceuticals* **2023**, *16*, 778.

HONOURS AND AWARDS

[30/09/2022] University of Catania

"Premio al merito A.A. 2021/2022"

[27/10/2020] University of Catania

"Premio al merito A.A. 2019/2020"

[05/05/2018] Banca di Credito Cooperativo La Riscossa di Regalbuto

"Premio Guardo al futuro VII Edizione"

Award for commendable results achieved in studies (high school diploma)

[20/04/2018] Kiwanis International - Distretto Italia-San Marino CLUB di ENNA

"Premio L'Alfiere 2018"

SKILLS

Personal skills

Team work / Friendliness and manners / Self-management skills / Problem-solving ability

Laboratory Techniques

Experienced in the preparation of nanomedicine formulations / Freeze-drying / Differential Scanning Calorimetry / Dynamic Light Scattering / UV-VIS spectrophotometry / Spectrofluorimetry

Computer Skills

Procreate on iPad / Google Suite (Doc, Slides, Form, Sheet, Drive) / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Use of search engines (e. g. Google scholar, PubMed) / Canvas, SVG

CREATIVE WORKS

Freehand drawing and graphic design

I authorize the processing of my personal data present in my CV pursuant to art. 13 d. lgs. 30 June 2003 n. 196 - "Personal data protection code" and art. 13 GDPR 679/16 - "European Regulation on the Protection of Personal Data".

A handwritten signature in black ink, appearing to read 'Sonya Salamone', is written over a light gray rectangular background.

Catania, 30/05/2025

Sonya Salamone