



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Nunzia Maisto**
E-mail nunzia.maisto@uniroma.it
Nationality
Gender

Tutoring experience

Dates 2019-2020: "Borsa di Collaborazione Analisi Chimica Farmaceutica e Tossicologica 2, Dipartimento di Chimica e Tecnologia del Farmaco, Università la Sapienza di Roma".
2020-2021 "Borsa di Collaborazione Analisi dei Medicinali 1, Dipartimento di Chimica e Tecnologia del Farmaco, Università la Sapienza di Roma".

Education and training

Dates 2011-2016: Liceo Scientifico "Gaetano De Sanctis" Rome, Diplome vote 86/100.
2016-2021 Degree in "Chimica e Tecnologia Farmaceutiche" at "La Sapienza, Università di Roma", Vote 110/110 e Lode. The Project thesis has been carried out in "CNR-ISB-Sede Secondaria di Roma- Meccanismi di Reazione c/o Dip. Chimica, Università di Roma "Sapienza", under the supervision of the Doctor Francesca Ceccacci.
Title of the thesis "Liposomi Cationici per il trasporto di oligonucleotidi attraverso la barriera ematoencefalica".
2021- today: PhD in Pharmacology (XXXVII cycle) at "La Sapienza, Università di Roma, Dipartimento di Fisiologia e Farmacologia "Vittorio Erasamer", Università degli Studi di Roma "La Sapienza". The PhD project is performed at Lab of "Pharmacology of synaptic plasticity" at Istituite Ebri Rita Levi Montalcini, under the supervision of Professor Robert Nisiticò, and in collaboration with the Lab of Nanomedicine at "Dipartimento di Chimica e Tecnologie del Farmaco, Università la Sapienza di Roma" under the supervision of Professor Federica Rinaldi.
July 2022- "Abilitazione alla Professione di Farmacista" vote 96/100

2022/06/07: Workshop “Novel frontiers in nanocarriers preparation and characterization” at Università la Sapienza di Roma; Title poster: “*Exploiting nanocarriers coupled to FUS to enhance brain penetration of neurotrophic factors*”. Authors: Nunzia Maisto, Gaia Piccioni, Dalila Mango, Gaetano Barbato, Carlotta Marianecchi, Maria Carafa, Robert Nisticò, Federica Rinaldi.

2022/09/07: “XXI Scuola Dottorale in Tecnologie Farmaceutiche” at Università la Sapienza di Roma; Title poster: “*Design, preparation and characterization of surfactant based nanocarriers coupled to FUS for nose-to-brain delivery*”. Authors: Nunzia Maisto, Dalila Mango, Gaia Piccioni, Gaetano Barbato, Viviana Triaca, Carlotta Marianecchi, Maria Carafa, Robert Nisticò, Federica Rinaldi.

2022/11/16: “41° Congresso Nazionale della Società Italiana di Farmacologia”, at Roma Ergife Palace Hotel. Title Poster: “*Role of Activated microglia in Synaptic Dysfunction associated with experimental model of neuroinflammation*”. Authors: Gaia Piccioni, Dalila Mango, Nunzia Maisto, Viviana Triaca, Robert Nisticò.

Personal skills and competences

Mother tongue(s)

Specify mother tongue: Italian

Other language(s)

English

Self-assessment

European level (*)

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

I am a social person who likes to stay with other people and collaborate with them.

Technical skills and competences

Set-up electrophysiology, DLS, UV-vis, Fluorimeter.

Computer skills and competences

Word, Power Point, Excel, Sigma Plot 14, Origin pro 8.5, Clampfit, Chimera, Marvin Sketch, 3D-QSAR.com, Windows 10 and IOS.

Main scientific interests and skills

- Alteration of synaptic processes underlying degenerative diseases such as Alzheimer's, Parkinson's and Multiple Sclerosis;
- Neurophysiopharmacological mechanisms of bidirectional synaptic plasticity (LTP, LTD) on preparations of hippocampus in vitro;
- Development of nanoparticles (niosomes and liposomes) able to cross the blood-brain barrier and to deliver drugs to the CNS.

Personal Interest

I am a volunteer at “Dynamo Camp” which is an ONLUS organization, so, when I can, I spent my time in this place. During my free time I also like exploring new places and traveling. Finally, I like doing sport to keep fit.

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