

Curriculum vitae

Beatrice Simonis studied at the University of Rome "Tor Vergata" where she achieved her Bachelor Degree in Chemistry with a dissertation on "*Metabolomic study of Trypanosome brucei: causes and effects of variability in biological response*". The internship was carried out at IRBM Science Park under the supervision of Prof. Daniel Oscar Cicero.

In 2018 she obtained the Master degree in Chemistry (specialization in Biological Systems) cum laude at the University of Rome "La Sapienza" with a dissertation on "*Development of novel liposome formulations for the delivery of therapeutic substances to the central nervous systems*" under the supervision of Dr. Francesca Ceccacci and Prof. Luciano Galantini.

In 2018 winner of the call "Thesis abroad" she carried out a part of the master's internship in the laboratory of the Department of Pharmacy of the University of Patras under the supervision of Prof. Sophia Antimisariis. In the same year she was the winner of the call "Torno subito2018" presenting the project "Development and characterization of nanocarriers for drug delivery" carried out at the Institute of Advance Chemistry of Catalonia (Barcelona, Spain) in the Colloidal and Interfacial Chemistry Research Group focused on synthesis and characterization of gold nanorods and preparation and characterization of nano-emulsions and nanoparticles under the supervision of Dr. Carlos Rodríguez Abreu.

From 2019 she is a PhD Student attending the doctorate in "Mathematical Models for Engineering, Electromagnetics and Nanosciences", curriculum Materials Science, under the supervision of Dr. Francesca Ceccacci and Prof. Luciano Galantini.

In 2020 she was the winner of the call "*Progetti di ricerca congiunti per la mobilità all'estero di studenti di dottorato*", presenting the project "*Novel liposome formulations for brain delivery and their interaction with the biological environment*" that will be carried out at the Research Institute of Pharmacy, Faculty of Science and Engineering at the University of Groningen, Holland.

The topic of her PhD project is focused on the development and physico-chemical characterization of novel liposome formulations as gene and drug delivery systems for the treatment of neurodegenerative diseases.

"Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679"

Consapevole che chiunque rilascia dichiarazioni mendaci è punito ai sensi del codice penale e delle leggi speciali in materia, ai sensi e per gli effetti dell'art. 76 D.P.R. n. 445/2000

DICHIARA

Che quanto indicato nel seguente curriculum vitae corrisponde a verità.

Inoltre autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16.

Firma

