



SAPIENZA
UNIVERSITÀ DI ROMA

Dipartimento di Fisiologia e Farmacologia “Vittorio Erspamer”

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Martina Vincenzi obtained the PhD degree in pharmacology and toxicology with honours in May 2024. During her PhD studies, she focused her research on the multiple roles of the prokineticin system in diseases with a strong neuroinflammatory component such as Parkinson’s disease and post-COVID-19 olfactory dysfunction as well as in cancer chemoresistance, highlighting the potential of the components of the prokineticin system as biomarkers and/or new therapeutic targets for these pathologies in humans.

She is currently a postdoctoral researcher in the "Bio-Drugs and Enteric Pharmacology" laboratory of Prof Esposito at the Sapienza University of Rome, where she is working on engineered-probiotics as a green strategy for the production of active therapeutic molecules in situ for the treatment of colitis, dysbiosis and neuropsychiatric disorders. Her main interest is to understand the role of intestinal homeostasis in the microbiota-gut-brain axis.

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