

Born in 1986 in Rieti, he achieves his bachelor's and master's degree with honours in agricultural and environmental biotechnologies at the Università degli Studi di Perugia working mainly in the field plant pathology, applied botany and microbiology. Between 2015 and 2017, as a laboratory technician at the Centro de Biotecnologia dos Açores (Universidade dos Açores) he starts his activities in the field of environmental microbiology and biotechnology, working on the identification, characterization and screening of microbial isolates from thermal springs and hydrothermal vents. From 2017 to 2021e carries out his PhD studies at the University of South Wales (USW) in a joint project between USW and TATA Steel developing a biomethanation system for the recycling of exhausted gases from the steel works. From May 2021 he starts his career in IIT as post-doctoral researcher working on the microbial aspects of underground gas storage, and the development of bio-methanation and dark fermentation processes for the valorisation of gaseous and solid waste streams.