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Born in San Severino Marche (MC), Italy, March 21st, 2000. She is second-year PhD student in Industrial Engineering at the Polytechnic University of Marche, in Ancona, and she works in the field of biomaterials. She obtained the bachelor's degree in Biomedical Engineering and the master's degree in Bioindustrial Engineering at the University of Padua in 2024.

Her current research focuses on natural polymers for 3D bioprinting and electrospinning processes, to produce tissue phantoms and biomedical systems, with the same characteristics of human elements, for personalized medicine. She also works in collaboration with the Polyclinic Hospital of Ancona in the departments of experimental anatomy and gynecology. Moreover, she collaborates with a Swiss company, Industrie Biomediche Insubri SA, to analyze radiological images, after surgical interventions, with artificial intelligence systems, to obtain quantitative information on the progress of bone remodeling, bone fusion and osteointegration.