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Dr. Mohammad Yaghoubi Khanghahi, currently a Research Assistant at Università degli Studi della Basilicata under the supervision of Prof. Adriano Sofo on a project dealing with the in-depth understanding of soil microbiota in different types of agronomic managements using metagenomics and metatranscriptomics approaches.

He holds dual PhDs in Soil and Food Sciences from the University of Bari Aldo Moro, Italy, and in Agronomy – Crop Physiology from Sari Agricultural Sciences and Natural Resources University, Iran. His research focuses on the field of soil-plant-microbe interactions, emphasizing soil fertility, soil biology, plant growth, and physiology.

He has expertise in soil and plant analysis, including photosynthesis and chlorophyll florescence assessment, as well as molecular biology techniques such as PCR and gene expression analysis. Dr. Yaghoubi's work also involves biochemical and molecular assays, contributing to sustainable agroecosystems through the study of plant growth-promoting bacteria and their effects on soil and plant health.