Professor Sergio Saia

Institution: Department of Veterinary Science, University of Pisa, Italy

Short biography and experience:

Sergio Saia is Associate Professor of Agronomy and Field Crops at the Department of Veterinary Science, University of Pisa (DVET-UNIPI). His research activities include cropping system sustainability, and soil fertility, with special emphasis on plant growth promoting microbes, weed and nutrient management, crop diversification and intercrops, management of organic and low input systems, land use, soil conservation, and conservation agriculture.

His main expertise includes plant-microbe interaction, especially arbuscular mycorrhizal fungi and plant-growth promoting rhizobacteria; management of intercrops; nutrient use efficiency; modelling soil properties; no-tillage based conservation agriculture system; plant metabolomics; systematic maps; and statistics of unbalanced experiments. He is the coordinator of the PRIMA Action 2022 1.2.1 "Soil Health and Agriculture Resilience through an Integrated Geographical information systems of Mediterranean Drylands" [SHARInG-MeD, G.A. n. 2211; https://linktr.ee/sharingmed].

Lecture title: **Carbon balance and conservation agriculture: the trade-off among agronomic, environmental and economic needs**

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