

**ICMES-2025 / 8th International Conference on Materials & Environmental Science, June 12-15, 2025, Saïdia – Morocco**

**Biography :**

**Dr. Giuseppina Avantaggiato**, a senior researcher at CNR-ISPA, is a biochemist, Food/Feed Safety Expert, and Ethics Manager. She is a recognized expert in mycotoxin management, with expertise spanning analytical chemistry, biotechnology, and toxicology. She specializes in developing/validating methods to analyze microbial metabolites and contaminants in food/feed and biological samples, using biomarker-based approaches for exposure assessment. She is Leader of the CNR-ISPA working group on the development and in vitro/in vivo efficacy assessment of additives to reduce exposure of farm animals and humans to mycotoxins, bacterial pathogens and toxins.

The group shows a strong dynamism in attracting resources in competitive calls, including European, EFSA and Ministerial Projects, and >30 Collaborative Research Agreements with small/medium/large enterprises. The group has registered 2 patents and maintains a high scientific production that is summarized in more than 50 publications and several doctoral theses in Food Safety and Analytical Chemistry. Her H-index is 21 on Scopus.