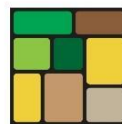


CYCLE	XXXVIII
STUDENT	ANNALISA d'AMELIO
TUTOR	Antonio Bevilacqua
CO-TUTOR	Barbara Speranza

CURRICULUM	2 Emerging Technologies for Ensuring Food Quality and Safety •
PROVISIONAL TITLE of the RESEARCH PROJECT	Biotechnological solutions for environmental-friendly approaches in agriculture and food production
DOCTORAL SCHOLARSHIP	PNRR Agritech
SHORT CV	- Bachelor's degree in food science and technology (L-26). - Master's degree in food science and technology (LM-70). - Teaching assignment for seminar-based educational activities within the Pathways for Transversal Skills and Orientation program (PCTO), Biotechnology track: Microbiology Laboratory, University of Foggia (DAFNE Department). - Teaching assignment for seminar-based educational activities within the Pathways for Transversal Skills and Orientation program (PCTO), Biotechnology track: Thematic seminars on biotechnology, University of Foggia (DAFNE Department).
PUBLICATIONS	International publications - Accettulli, A., & d'Amelio, A. (2025). Spoilage of milk and dairy products. In <i>The Microbiological Quality of Food</i> (pp. 197-220). Elsevier Science Ltd. - Campaniello, D., d'Amelio, A., Guerrieri, A., Accettulli, A., De Santis, A., & Bevilacqua, A. (2025). A Preliminary Investigation into <i>Penicillium</i> spp. Growth on Peanuts During Drying and

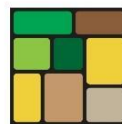


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- Racioppo, A., Accettulli, A., d'Amelio, A., Corbo, M. R., Sinigaglia, M., Speranza, B., & Bevilacqua, A. (2025). Effects of different environmental stresses on cell surface hydrophobicity of lactobacilli, bifidobacteria and propionibacteria. *BMC microbiology*, 25(1), 409.
- Angela Racioppo; Annalisa d'Amelio; Alessandro De Santis; Antonio Bevilacqua; Maria Rosaria Corbo; Milena Sinigaglia (2023). Potential Use of Plant Growth Promoting Bacteria to Enhance Growth and Soil Fertility in Marginal Areas: A Focus on the Apulia Region, Italy. *Agronomy* 2023, 13, 2983.
- Annalisa d'Amelio; Clelia Altieri; Daniela Campaniello (2023). Yoghurt-Like Drink Enriched with Lactobacilli and Bifidobacteria. *Biol. Life Sci. Forum* 2023, 26, 34.

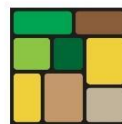
Poster/Abstract/Oral presentation

- Annalisa d'Amelio; Angela Racioppo; Daniela Campaniello; Alessandro De Santis; Antonio Bevilacqua; Barbara Speranza. *Could biofertilizers persist and modulate soil microbiota? A preliminary study on wheat*. Pubblicazione abstract per XIV Convegno Nazionale sulla Biodiversità, 1st International Conference of Mediterranean Biodiversity. "Biodiversità, resilienza e cambiamenti climatici". Università del Salento, Lecce 13/09/2023 – 15/09/2023.
- Michele Andrea De Santis; Antonio Bevilacqua; Annalisa d'Amelio; Michele Rinaldi; Nicola Pecchioni; Zina Flagella. *Evaluation of the effects of plant growth promoting microorganisms on wheat growth by spectral phenotyping: preliminary results from Agritech project*. Pubblicazione poster per 52° Convegno Nazionale – Società Italiana di Agronomia. Università degli Studi di Napoli Federico II, Galoppatoio reale – Reggia di Portici 25/09/2023 – 27/09/2023.
- d'Amelio A.; De Santis A.; Accettulli A.; Guerrieri A.; Speranza B.; Sinigaglia M.; Bevilacqua A. *Use of Plant Growth Promoting Bacteria on Mediterranean crops: Robustness and effects on*



plants. Pubblicazione abstract e poster per 7th International conference on Microbial diversity 2023 (MD23), Parma 26/09/2023 – 29/09/2023.

- Racioppo A.; Campaniello D.; Accettulli A.; d'Amelio A.; De Santis A.; Corbo M.R.; Speranza B. *The use of ultrasound can increase biofilm formation in some functional microorganisms*. Pubblicazione abstract e poster per 7th International conference on Microbial diversity 2023 (MD23), Parma 26/09/2023 – 29/09/2023.
- d'Amelio Annalisa (2024). Spoke 6 WP 6.1 Meeting. Management models to promote sustainability and resilience of agricultural production system. Presentazione orale per aggiornamento avanzamento stato attività dello spoke 6 for Agritech project. Torino, 30/01/2024 – 31/01/2024.
- Annalisa d'Amelio, Michele De Santis, Antonio Bevilacqua, Zina Flagella, Milena Sinigaglia, Maria Rosaria Corbo. *Microorganisms for the environment: Technological robustness of Plant Growth Promoting Bacteria for Mediterranean crops*. Pubblicazione abstract e poster per XLII Meeting ECCO – European Culture Collections' Organisation. "Microbe & Microbiome Management for a Better Planet". Bari, 18/09/2024 – 20/09/2024.
- Annalisa d'Amelio, Milena Sinigaglia, Antonio Bevilacqua, Barbara Speranza, Angela Racioppo, Clelia Altieri, Maria Rosaria Corbo. Modulazione del microbiota del suolo da parte di *Plant Growth Promoting Bacteria*. Pubblicazione abstract e poster per il Convegno Nazionale "Ricerca e Innovazione: per un futuro sostenibile" (AGRIWORLD EXPO 2025). Unibas – DAFE. Matera, 21/05/2025 - 23/05/2025.
- Antonio Bevilacqua, Maria Rosaria Corbo, Angela Racioppo, Barbara Speranza, Clelia Altieri, Annalisa d'Amelio, Milena Sinigaglia. Technological robustness, performance e resilienza ai cambiamenti climatici di ceppi di *Plant Growth Promoting Bacteria* per il frumento. Pubblicazione abstract e presentazione



	orale per il Convegno Nazionale “Ricerca e Innovazione: per un futuro sostenibile” (AGRIWORLD EXPO 2025). Unibas – DAFE. Matera, 21/05/2025 - 23/05/2025. - Antonio Bevilacqua, Suleman Khan, <u>Annalisa d’Amelio</u>, Milena Sinigaglia, Maria Rosaria Corbo. Artichoke powder from wastes as a prebiotic like compound for food formulations. Pubblicazione abstract e poster per 8th International conference on Microbial diversity 2025 (MD25), Roma 23/09/2025 – 26/09/2025. - <u>Annalisa d’Amelio</u>. <i>Use of Plant Growth Promoting Bacteria on Mediterranean crops: a preliminary study on wheat</i>. Pubblicazione abstract e poster per 5th Joint workshop of the agriculture-oriented PhD programs at Unict, Unifg and Uniud, Catania 25/09/2023 – 28/09/2023. - <u>Annalisa d’Amelio</u>. <i>Microorganisms for the environment: Technological robustness of Plant Growth Promoting Bacteria for Mediterranean crops</i>. Pubblicazione abstract e presentazione orale per 6th Joint workshop of the agriculture-oriented PhD programs at Unict, Unifg and Uniud, Lesina (FG), dal 30/09/2024 al 4/10/2024. - <u>Annalisa d’Amelio</u>. <i>Application of Artichoke powder for microbial biomass production: a case- study</i>. Pubblicazione abstract e presentazione orale per 7th Joint workshop of the agriculture-oriented PhD programs at Unict, Unifg and Uniud, Lesina (FG), dal 29/09/2025 al 4/10/2025.
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