FORMATO EUROPEO PER IL CURRICULUM VITAE

PERSONAL INFORMATION	
Name and Surname	Diletta Mazzantini
E-mail address	diletta.mazzantini@unicamillus.org
CURRENT POSITION	Fixed-term Tenure Track Researcher (RTT). UniCamillus-Saint Camillus International University of Health Sciences, Rome, Italy. Scientific Disciplinary Group: 06/MEDS-03 – Microbiology and Clinical Microbiology. Scientific Disciplinary Sector: MEDS-03/A - Microbiology and Clinical Microbiology
From 01/07/2026	
PROFESSIONAL EXPERIENCE	
02/01/2023-01/01/2026	Fixed-term Researcher (RTDa). Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa. Scientific Disciplinary Group: 06/MEDS-03 – Microbiology and Clinical Microbiology. Scientific Disciplinary Sector: MEDS-03/A - Microbiology and Clinical Microbiology
01/10/2019-30/09/2022	Post-Doctoral Researcher, research program: "On the mechanisms underlying the beneficial effect of probiotics". Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa.
01/05/2019-30/09/2019	Research Fellow, research program*:* "Functional characterization of the SRP-GTPase FlhF of *Bacillus cereus*"**.** Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa.
EDUCATION	
18/12/2020	Postgraduate Degree Course "E-learning Applied to Health Sciences and ICT in Medicine". University of Pisa.
20/12/2018	PhD in Clinical and Translational Sciences. Thesis title: "The genus *Bacillus*: from pathogens to beneficial microbes". University of Pisa.
06/03/2015	Master Degree in Molecular and Cellular Biology. Thesis title: "Ruolo del gene flhF nella secrezione proteica e nella virulenza di Bacillus cereus" ("Role of the *flhF* gene in protein secretion and virulence of *Bacillus cereus*"). University of Pisa.
QUALIFICATIONS	
03/12/2025-03/12/2037	National Scientific qualification as associate professor in the Italian higher education system for the disciplinary field of 05/I2 - MICROBIOLOGY.
04/07/2025-04/07/2037	National Scientific qualification as associate professor in the Italian higher education system for the disciplinary field 06/A3 - Microbiology and clinical microbiology.
2015	Qualification to practice the profession of biologist.

MEMBER OF SCIENTIFIC SOCIETIES	
	Italian Society of General Microbiology and Microbial Biotechnology (SIMGBM)
	Italian Society of Microbiology (SIM)
TEACHING ACTIVITY	
Academic year 2025/2026	Co-lecturer of the ADE System – HLA. Course: TLB-L Biomedical Laboratory Techniques, University of Pisa.
Academic year 2022/2023-academic year 2024/2025	Lecturer of the module of Microbiology-Pisa Course, module of the integrated course of Microbiology and Hygiene, and coordinator of the integrated course. Courses: IFE-L Nursing and OST-L Obstetrics, University of Pisa.
Academic year 2022/2023-academic year 2024/2025	Lecturer of the module of General Microbiology, module of the integrated course of Microbiology and Hygiene. Courses: TDP-L Audioprosthetic Techniques, DIE-L Dietetics, IGD-L Dental Hygiene, TLB-L Biomedical Laboratory Techniques, and TRM-L Medical Radiology, Imaging, and Radiotherapy Techniques, University of Pisa.
Academic year 2017/2018-academic year 2023/2024	Some seminars and theoretical/practical lessons in the course of Molecular Microbiology. Courses: WTB-LM Molecular and Cellular Biology and WBO-LM Molecular Biotechnologies, University of Pisa.
Academic year 2017/2018	Holder of a grant for the incentive of tutoring activities and integrative, preparatory, and remedial teaching activities. Course: WBO-LM Molecular Biotechnologies, University of Pisa.
Academic year 2016/2017	Coordinated and continuous collaboration to support teaching in the course of Microbiology. Course: BIO-L- Biological Sciences, University of Pisa.
THESIS SUPERVISOR AND CO-SUPERVISOR	
	Co-supervisor of the thesis entitled: "Caratterizzazione di ceppi probiotici di *Alkalihalobacillus clausii*: attività antimicrobica e impatto sul microbiota intestinale" ("Characterization of *Alkalihalobacillus clausii* probiotic strains: antimicrobial activity and impact on the gut microbiota"). Molecular Biotechnology, University of Pisa.
	Supervisor of the thesis entitled: "Attività antimicrobica di tre formulazioni contenenti polifenoli incapsulati in liposomi" ("Antimicrobial activity of three formulations containing liposome-encapsulated polyphenols"). Biomedical Laboratory Techniques, University of Pisa.
EDITORIAL ACTIVITY	
26/12/2025-now	Editorial Board Member of BMC Infectious Diseases.
11/04/2025-now	Editorial Board Member of BMC Microbiology.
RESEARCH PROJECTS	
	Participation in the project PNRR THE— Tuscany Health Ecosystem (THE), Spoke 7— Innovating Translational Medicine (Sub-project 5—Innovative models for management of infections caused by antibiotic-resistant bacteria).
	Participation in the project: "Probiotics: an emerging strategy to fight bacterial pulmonary infections in CF" funded by Fondazione Italiana per la Ricerca sulla Fibrosi Cistica (Project FFC#13/2021).

RESEARCH PERIODS ABROAD	
01/11/2025-29/11/2025	Department of Biology, Maynooth University, Ireland.
14/02/2018-21/02/2018	Center for Synthetic Microbiology (SYNMIKRO) and Department of Chemistry, Philipps-University, Marburg, Germany.
SPEAKER AT NATIONAL AND INTERNATIONAL CONGRESSES AND CONFERENCES	
03/09/2025	Invited speaker at the symposium organized by Opella during the 83rd FIP World Congress of Pharmacy and Pharmaceutical Sciences (Copenhagen). Title of the communication: "From shelf to gut: the critical variables that influence probiotic benefits".
06/05/2025	Speaker at the PhD Week 2025 "Navigating the Future in Healthcare Science" (5-7 may 2025), PhD Program in Clinical and Translational Sciences and PhD Program in Clinical Physiopathology, University of Pisa. Title of the communication: "Spore-forming bacteria: only gastrointestinal pathogens or modulators of the human gut microbiota?".
01/02/2025	Invited speaker at the symposium organized by Opella during del XXV. GASZTROENTEROLÓGIAI TOVÁBBKÉPZŐ TANFOLYAM (Budapest). Title of the communication: "Analysis of the microbial content of probiotic products commercialized worldwide and survivability in conditions mimicking the human gut environment".
23/10/2024	Speaker at the 18th Congress of the International Union of Microbiological Societies (Florence). Title of the communication: "Dissecting the role of the MS-ring protein FliF in *Bacillus cereus* virulence".
09/09/2024	Speaker at the 52nd National Congress of the Italian Society of Microbiology (Pavia). Title of the communication: "Anti-staphylococcal potential of citrus polyphenols: antimicrobial and anti-biofilm activity, synergy with beta-lactams and low proficiency to induce resistance".
28/06/2024	Speaker at the Congress Cortona Prokaryotes 2024 (Cortona). Title of the communication: "Anti-staphylococcal and anti-biofilm potential of citrus polyphenols".
19/09/2022	Speaker at the al 50th National Congress of the Italian Society of Microbiology SIM (Naples). Title of the communication: "Depletion of the MS-ring protein FliF impacts motility, mucin-adhesion, and virulence in *Bacillus cereus*".
24/06/2022	Speaker at the Congress Cortona Prokaryotes 2022 (Cortona). Title of the communication: "Toward the role of the flagellar MS-ring protein FliF in *Bacillus cereus*".
POSTER PRESENTED AT NATIONAL AND INTERNATIONAL CONGRESSES	
28/10/2025-29/10/2025	D Mazzantini, B Amato, G Cannella, S Zineddu, V Vitali, L Massai, G Maisetta, E Ghelardi, S Esin, L Messori, G Batoni. Poster title: "The golden era: gold compounds for combating antibiotic-resistant infections". Meet THE Innovation –Toscana, cultura della Salute (Florence).
19/09/2025-22/09/2025	D Mazzantini, B Amato, S Zineddu, V Vitali, L Massai, G Maisetta, E Ghelardi, S Esin, L Messori, G Batoni. Poster title: "The golden era: gold compounds for combating antibiotic-resistant staphylococcal infections". 53rd National Congress of the Italian Society of Microbiology SIM. Catania.

24/09/2023-27/09/2023	D Mazzantini, M Massimino, M Calvigioni, F Celandroni, E Ghelardi. Poster title: "Citrus fruit polyphenols for fighting antibiotic resistance". 51st National Congress of the Italian Society of Microbiology SIM. Cagliari.
14/07/2023	D Mazzantini, M Massimino, M Calvigioni, F Celandroni, E Ghelardi. Poster title: "Citrus fruit polyphenols for ocular antisepsis". 2nd Workshop Ophthalmic formulations: Challenges and Advances. Pisa.
17/09/2017-20/09/2017	D Mazzantini, R Fonnesu, A Cara, F Celandroni, S Senesi, E. Ghelardi. Poster title: "*Bacillus cereus* FlhF forms homodimers and is involved in protein targeting to the membrane of the L_2 component of hemolysin BL". Microbiology 2017, XXXII SIMGBM Congress. Palermo.
25/09/2016-28/09/2016	D Mazzantini, F Celandroni, S Salvetti, SA Gueye, A Lupetti, S Senesi, E Ghelardi. Poster title: "Requirement of FlhF for swarming motility and virulence of *Bacillus cereus*". 44th National Congress of the Italian Society of Microbiology SIM. Pisa.
18/04/2016-20/04/2016	D Mazzantini, F Celandroni, S Salvetti, SA Gueye, A Lupetti, S Senesi, E Ghelardi. Poster title: "FlhF Is Required for Swarming Differentiation and Full Pathogenicity of *Bacillus cereus*". 7th European Spores Conference. Royal Holloway, University of London.

PUBLICATION METRICS

Source: Scopus (updated 26/06/2026)
40 documents, 800 citations by 701 documents, H-index: 15

PUBLICATIONS

N°

1 Amato, B., Mazzantini, D., de Azevedo-França, J.A., Maisetta, G., Ghelardi, E., Esin, S., Messori, L., Batoni, G. Synergy Between the Auranofin Analogue PEt_3AuCl and Membrane Disruptors, Efflux-Pump Blockers, and Glutathione-Depletors Uncovers Tolerance Pathways in *Pseudomonas aeruginosa*. *Int. J. Mol. Sci.* 2026, *27*, 4610. https://doi.org/10.3390/ijms27104610

2 Mazzantini D, Ghelardi E. Spore-Forming Probiotics and Their Mechanisms of Action: A Particular Focus on *Alkalihalobacillus clausii*. Nutrients. 2026 Apr 27;18(9):1378. doi: 10.3390/nu18091378. PMID: 42123979; PMCID: PMC13165010

3 Mazzantini D, Amato B, Zineddu S, de Azevedo-França JA, Maisetta G, Ghelardi E, Esin S, Messori L, Batoni G. Anti-staphylococcal activity of the auranofin-analogous PEt_3AuCl: antibacterial, anti-biofilm and anti-virulence effect on clinically relevant staphylococci. Front Cell Infect Microbiol. 2026 Apr 10;16:1794590. doi: 10.3389/fcimb.2026.1794590. PMID: 42039755; PMCID: PMC13105961

4 Rahmani R, Ait Meddour A, Benhoula M, Hamma-Faradji S, Belbachir K, Terki S, Calvigioni M, Rossi V, Mazzantini D, Ghelardi E, Sifour M, Ouled-Haddar H. In Vitro Characterization of *Lactiplantibacillus Plantarum* Strains: Probiotic Potential, Riboflavin Production, and Functional Properties. Curr Microbiol. 2026 Mar 9;83(4):233. doi: 10.1007/s00284-026-04777-6. PMID: 41801275

5 Calvigioni M, Biancalana E, Rossi C, Mazzantini D, Celandroni F, Ghelardi E, Solini A. Effect of SGLT2 Inhibitors + DPP-4 Inhibitors on Urine Microbiota in Type 2 Diabetes. Diabetes Metab Res Rev. 2026 Jan;42(1):e70127. doi: 10.1002/dmrr.70127. PMID: 41566786

6 Mazzantini D, Calvigioni M, Celandroni F, Saba A, Ghelardi E. In Vitro Analysis of an *Alkalihalobacillus clausii* Spore-Based Probiotic Formulation Clarifies the Mechanisms Underlying Its Beneficial Properties. Biomolecules. 2025 Sep 8;15(9):1294. doi: 10.3390/biom15091294. PMID: 41008601; PMCID: PMC12467953

7 Giannaccare G, Vagge A, Pellegrini M, Buzzi M, Mencucci R, Lorusso M, Massimino M, Rossi C, Celandroni F, Calvigioni M, Mazzantini D, Nicolò M, Scorcia V, Traverso CE, Ghelardi E. *In vitro* and *in vivo* antimicrobial activity of medicated wipes containing biosecur on the microbial Flora of the eyelid and conjunctiva. Eur J Ophthalmol. 2025 Sep;35(5):1810-1817. doi: 10.1177/11206721251332758. Epub 2025 Apr 15. PMID: 40232251

8 Toro MD, Concilio M, Laezza MP, Mazzantini D., Ghelardi E, Gelso A, Sbordone M, Orrico A, De Angelis V, Calabrò F, De Rosa P, Mazzeo S, Iula D, Perillo F, Rossi C, Costagliola C. Effectiveness of a new commercial ocular spray containing Biosecur in reducing conjunctival microbial flora as surgical prophylaxis in patients undergoing cataract surgery. Discov Bact. 2024; 1, 5. doi: 10.1007/s44351-024-00007-1

9 Calvigioni M, Mazzantini D, Celandroni F, Vozzi G, Ghelardi E. Cultivating complexity: Advancements in establishing in vitro models for the mucus-adhering gut microbiota. Microb Biotechnol. 2024 Oct;17(10):e70036. doi: 10.1111/1751-7915.70036. PMID: 39435730; PMCID: PMC11494453

10 Mazzantini D, Gherardini G, Rossi V, Celandroni F, Calvigioni M, Panattoni A, Massimino M, Lupetti A, Ghelardi E. Dissecting the role of the MS-ring protein FliF in *Bacillus cereus* flagella-related functions. Mol Microbiol. 2024 Aug;122(2):255-270. doi: 10.1111/mmi.15299. Epub 2024 Jul 19. PMID: 39030901

11 Mazzantini D, Massimino M, Calvigioni M, Rossi V, Celandroni F, Lupetti A, Batoni G, Ghelardi E. Anti-staphylococcal activity of a polyphenol-rich citrus extract: synergy with β-lactams and low proficiency to induce resistance. Front Microbiol. 2024 Jul 3;15:1415400. doi: 10.3389/fmicb.2024.1415400. PMID: 39021634; PMCID: PMC11252074

12 Calvigioni M, Biancalana E, Mazzantini D, Celandroni F, Rossi C, Mengozzi A, Ghelardi E, Solini A. In-depth Microbiological Characterization of Urine From Subjects With Type 2 Diabetes. J Clin Endocrinol Metab. 2024 Dec 18;110(1):185-194. doi: 10.1210/clinem/dgae389. PMID: 38870276; PMCID: PMC11651686

13 Mazzantini D, Massimino M, Calvigioni M, Rossi V, Celandroni F, Lupetti A, Batoni G, Ghelardi E. Anti-Staphylococcal Biofilm Effects of a Liposome-Based Formulation Containing Citrus Polyphenols. Antibiotics (Basel). 2024 Mar 30;13(4):318. doi: 10.3390/antibiotics13040318. PMID: 38666994; PMCID: PMC11047357

14 Calvigioni M, Mazzantini D, Celandroni F, Ghelardi E. Animal and In Vitro Models as Powerful Tools to Decipher the Effects of Enteric Pathogens on the Human Gut Microbiota. Microorganisms. 2023 Dec 29;12(1):67. doi: 10.3390/microorganisms12010067. PMID: 38257894; PMCID: PMC10818369

15 Biagini F, Botte E, Calvigioni M, De Maria C, Mazzantini D, Celandroni F, Ghelardi E, Vozzi G. A Millifluidic Chamber for Controlled Shear Stress Testing: Application to Microbial Cultures. Ann Biomed Eng. 2023 Dec;51(12):2923-2933. doi: 10.1007/s10439-023-03361-4. Epub 2023 Sep 15. PMID: 37713099; PMCID: PMC10632311

16 Calvigioni M, Panattoni A, Biagini F, Donati L, Mazzantini D, Massimino M, Daddi C, Celandroni F, Vozzi G, Ghelardi E. Impact of *Bacillus cereus* on the Human Gut Microbiota in a 3D In Vitro Model. Microorganisms. 2023 Jul 17;11(7):1826. doi: 10.3390/microorganisms11071826. PMID: 37512998; PMCID: PMC10385275

17 Calvigioni M, Panattoni A, Biagini F, Donati L, Mazzantini D, Massimino M, Daddi C, Celandroni F, Vozzi G, Ghelardi E. Development of an In Vitro Model of the Gut Microbiota Enriched in Mucus-Adhering Bacteria. Microbiol Spectr. 2023 Aug 17;11(4):e0033623. doi: 10.1128/spectrum.00336-23. Epub 2023 Jun 8. PMID: 37289064; PMCID: PMC10433972

18 Ghelardi E, Mazzantini D, Celandroni F, Calvigioni M, Panattoni A, Lupetti A, Bois De Fer B, Perez M 3rd. Analysis of the microbial content of probiotic products commercialized worldwide and survivability in conditions mimicking the human gut environment. Front Microbiol. 2023 May 5;14:1127321. doi: 10.3389/fmicb.2023.1127321. PMID: 37234535; PMCID: PMC10208119

19 Calvigioni M, Bertolini A, Codini S, Mazzantini D, Panattoni A, Massimino M, Celandroni F, Zucchi R, Saba A, Ghelardi E. HPLC-MS-MS quantification of short-chain fatty acids actively secreted by probiotic strains. Front Microbiol. 2023 Mar 3;14:1124144. doi: 10.3389/fmicb.2023.1124144. PMID: 36937254; PMCID: PMC10020375

20 Tirloni E, Bernardi C, Celandroni F, Mazzantini D, Massimino M, Stella S, Ghelardi E. Prevalence, Virulence Potential, and Growth in Cheese of *Bacillus cereus* Strains Isolated from Fresh and Short-Ripened Cheeses Sold on the Italian Market. Microorganisms. 2023 Feb 18;11(2):521. doi: 10.3390/microorganisms11020521. PMID: 36838486; PMCID: PMC9964947

21 Didouh, Nassima, Achek, Rachid, Celandroni, Francesco, Ghelardi, Emilia, Mazzantini, Diletta, Postollec, Florence, Moussa-Boudjemaa, Boumediene, Ouoba, L. Irène I., Tomaso, Herbert, Linde, Jörg, El-Adawy, Hosny. Genomic Diversity and Virulence Genes Characterization of *Bacillus cereus* sensu lato Isolated from Processing Equipment of an Algerian Dairy Plant, Journal of Food Quality, 2023, 5703334, 11 pages, 2023. https://doi.org/10.1155/2023/5703334

22 Panattoni A, Calvigioni M, Benvenuti L, D'Antongiovanni V, Pellegrini C, Di Salvo C, Mazzantini D, Celandroni F, Fornai M, Antonioli L, Ghelardi E. The administration of *Enterococcus faecium* SF68 counteracts compositional shifts in the gut microbiota of diet-induced obese mice. Front Microbiol. 2022 Dec 16;13:1054097. doi: 10.3389/fmicb.2022.1054097. PMID: 36590404; PMCID: PMC9800805

23 Mazzantini D, Calvigioni M, Celandroni F, Lupetti A, Ghelardi E. In vitro assessment of probiotic attributes for strains contained in commercial formulations. Sci Rep. 2022 Dec 14;12(1):21640. doi: 10.1038/s41598-022-25688-z. PMID: 36517529; PMCID: PMC9751119

24 Tirloni E, Stella S, Celandroni F, Mazzantini D, Bernardi C, Ghelardi E. *Bacillus cereus* in Dairy Products and Production Plants. Foods. 2022 Aug 25;11(17):2572. doi: 10.3390/foods11172572. PMID: 36076758; PMCID: PMC9455733

25 Calvigioni M, Cara A, Celandroni F, Mazzantini D, Panattoni A, Tirloni E, Bernardi C, Pinotti L, Stella S, Ghelardi E. Characterization of a *Bacillus cereus* strain associated with a large feed-related outbreak of severe infection in pigs. J Appl Microbiol. 2022 Aug;133(2):1078-1088. doi: 10.1111/jam.15636. Epub 2022 May 31. PMID: 35611609; PMCID: PMC9543730

26 Biagini F, Calvigioni M, De Maria C, Magliaro C, Montemurro F, Mazzantini D, Celandroni F, Mattioli-Belmonte M, Ghelardi E, Vozzi G. Study of the Adhesion of the Human Gut Microbiota on Electrospun Structures. Bioengineering (Basel). 2022 Feb 26;9(3):96. doi: 10.3390/bioengineering9030096. PMID: 35324785; PMCID: PMC8945341

27 Cardelli E, Calvigioni M, Vecchione A, Macera L, Mazzantini D, Celandroni F, Panattoni A, Pistello M, Maggi F, Ghelardi E, Mannella P. Delivery Mode Shapes the Composition of the Lower Airways Microbiota in Newborns. Front Cell Infect Microbiol. 2021 Dec 23;11:808390. doi: 10.3389/fcimb.2021.808390. PMID: 35004360; PMCID: PMC8733567

28 Mazzantini D, Celandroni F, Calvigioni M, Panattoni A, Labella R, Ghelardi E. Microbiological Quality and Resistance to an Artificial Gut Environment of Two Probiotic Formulations. Foods. 2021 Nov 12;10(11):2781. doi:

10.3390/foods10112781. PMID: 34829062; PMCID: PMC8617924

29 Celandroni F, Mazzantini D, Calvigioni M, Ceccanti S, Vecchiani S, Battaglia S, Bigini C, Ghelardi E. Antimicrobial Activity of Xibornol and a Xibornol-Based Formulation Against Gram-Positive Pathogens of the Respiratory Tract. Adv Exp Med Biol. 2022;1369:101-106. doi: 10.1007/5584_2021_664. PMID: 34387849

30 Mazzantini D, Calvigioni M, Celandroni F, Lupetti A, Ghelardi E. Spotlight on the Compositional Quality of Probiotic Formulations Marketed Worldwide. Front Microbiol. 2021 Jul 20;12:693973. doi: 10.3389/fmicb.2021.693973. PMID: 34354690; PMCID: PMC8329331

31 Maisetta G, Piras AM, Motta V, Braccini S, Mazzantini D, Chiellini F, Zambito Y, Esin S, Batoni G. Antivirulence Properties of a Low-Molecular-Weight Quaternized Chitosan Derivative against *Pseudomonas aeruginosa*. Microorganisms. 2021 Apr 24;9(5):912. doi: 10.3390/microorganisms9050912. PMID: 33923269; PMCID: PMC8145479

32 Mazzantini D, Celandroni F, Calvigioni M, Lupetti A, Ghelardi E. In Vitro Resistance and Evolution of Resistance to Tavaborole in *Trichophyton rubrum*. Antimicrob Agents Chemother. 2021 Mar 18;65(4):e02324-20. doi: 10.1128/AAC.02324-20. PMID: 33468466; PMCID: PMC8097476

33 Biagini F, Calvigioni M, Lapomarda A, Vecchione A, Magliaro C, De Maria C, Montemurro F, Celandroni F, Mazzantini D, Mattioli-Belmonte M, Ghelardi E, Vozzi G. A novel 3D in vitro model of the human gut microbiota. Sci Rep. 2020 Dec 9;10(1):21499. doi: 10.1038/s41598-020-78591-w. PMID: 33299026; PMCID: PMC7725811

34 Tirloni E, Stella S, Bernardi C, Mazzantini D, Celandroni F, Ghelardi E. Identification and Pathogenic Potential of *Bacillus cereus* Strains Isolated from a Dairy Processing Plant Producing PDO Taleggio Cheese. Microorganisms. 2020 Jun 24;8(6):949. doi: 10.3390/microorganisms8060949. PMID: 32599708; PMCID: PMC7356821

35 Mazzantini D, Fonnesu R, Celandroni F, Calvigioni M, Vecchione A, Mrusek D, Bange G, Ghelardi E. GTP-Dependent FlhF Homodimer Supports Secretion of a Hemolysin in *Bacillus cereus*. Front Microbiol. 2020 May 6;11:879. doi: 10.3389/fmicb.2020.00879. PMID: 32435240; PMCID: PMC7218170

36 Monti D, Mazzantini D, Tampucci S, Vecchione A, Celandroni F, Burgalassi S, Ghelardi E. Ciclopirox and Efinaconazole Transungual Permeation, Antifungal Activity, and Proficiency To Induce Resistance in Trichophyton rubrum. Antimicrob Agents Chemother. 2019 Sep 23;63(10):e00442-19. doi: 10.1128/AAC.00442-19. PMID: 31332076; PMCID: PMC6761538

37 Celandroni F, Vecchione A, Cara A, Mazzantini D, Lupetti A, Ghelardi E. Identification of *Bacillus* species: Implication on the quality of probiotic formulations. PLoS One. 2019 May 20;14(5):e0217021. doi: 10.1371/journal.pone.0217021. PMID: 31107885; PMCID: PMC6527297

38 Vecchione A, Celandroni F, Mazzantini D, Senesi S, Lupetti A, Ghelardi E. Compositional Quality and Potential Gastrointestinal Behavior of Probiotic Products Commercialized in Italy. Front Med (Lausanne). 2018 Mar 7;5:59. doi: 10.3389/fmed.2018.00059. Erratum in: Front Med (Lausanne). 2023 Jan 27;9:1091788. doi: 10.3389/fmed.2022.1091788. PMID: 29564327; PMCID: PMC5845905

39 Mazzantini D, Celandroni F, Salvetti S, Gueye SA, Lupetti A, Senesi S, Ghelardi E. FlhF Is Required for Swarming Motility and Full Pathogenicity of *Bacillus cereus*. Front Microbiol. 2016 Oct 19;7:1644. doi: 10.3389/fmicb.2016.01644. PMID: 27807433; PMCID: PMC5069341

	40 Celandroni F, Salvetti S, Gueye SA, Mazzantini D, Lupetti A, Senesi S, Ghelardi E. Identification and Pathogenic Potential of Clinical *Bacillus* and *Paenibacillus* Isolates. PLoS One. 2016 Mar 31;11(3):e0152831. doi: 10.1371/journal.pone.0152831. PMID: 27031639; PMCID: PMC4816569

Date
26/06/2026