

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome CARLA
Cognome GENTILE
Recapiti Dipartimento STEBICEF, Sezione Biologia Cellulare, Edificio 16, Viale delle Scienze
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FORMAZIONE TITOLI

CURRENT POSITION

Associate Professor of Biochemistry, STEBICEF Dept, University of Palermo.

EDUCATION AND ACADEMIC POSITIONS

National Scientific Qualification (ASN) for Full Professor, Biochemistry (29/09/2023)
National Scientific Qualification (ASN) for Associate Professor, Applied Biology (04/04/2017)
National Scientific Qualification (ASN) for Associate Professor, Biochemistry (31/03/2017)
Assistant Professor, University of Palermo (2008–2020)
Postdoctoral Research Fellow, University of Palermo (2005–2008)
Postdoctoral Research Fellow, Inserm U602, Villejuif, France (2004–2005)
PhD, Medicinal Chemistry, University of Palermo (2001–2004)
Licensed Pharmacist (2001)
Master's Degree, Chemistry and Pharmaceutical Technologies, summa cum laude, University of Palermo (1995–2000)
Classical High School Diploma, 60/60, Liceo Classico "Ugo Foscolo", Canicattì (AG) (1995)

ATTIVITA' DIDATTICA

FRONTAL TEACHING EXPERIENCE

Since 2009, Prof. Gentile has been teaching Biochemistry and Cellular Biology across various Master's degree programs including Medicine, Chemistry, Pharmacy, and Agri-food Science e Technology.

In addition, she serves as a lecturer in postgraduate specialization schools, teaching Biology and Genetics in the Postgraduate Specialization School in Medical Physics and Nutritional Biochemistry in the Postgraduate Specialization School in Hospital Pharmacy.

RICERCHE FINANZIATE

RESEARCH PROJECT LEADERSHIP IN THE LAST FIVE YEARS (2021-2026)

2026 (starting April 2026) – Scientific Coordinator of the project PISTACHIO – Preclinical Investigation of Selected Therapies using Advanced Cell Models and Hydrogel-Integrated Organ-on-Chip, funded by Fondazione Umberto Veronesi, Milan.

2026 (starting February–March 2026) – Scientific Coordinator of the interuniversity cooperation project “Bioactive Compounds in Cellular Protection: From Molecular Mechanisms to Pharmacological Applications”, funded under the 2026 Italy–Argentina Interuniversity Cooperation Grant (Consorzio Universitario Italiano per l'Argentina, CUIA).

2026 (starting June–July 2026) – Principal Investigator (PI) for the University of Palermo (UnIPA) in the PRIMA SALSA project – Sustainable Applications of Leftover Tomato as Agroecological Solutions to Improve Crop Protection in Agriculture (PRIMA Calls 2025 RIA/IA).

Colorectal Cancer, funded by Fondazione Umberto Veronesi, Milan.

2023–present – Scientific Coordinator of the project PROTECT CRC – Investigating Bronte Pistachio-derived Chemoprevention in

2022–2023 – Scientific Coordinator of the project “Nut By-products: Valorization Challenges for Functional Applications”, funded under the peer-reviewed euroSTART 2022 call (EU NextGenerationEU, MUR).

INCARICHI / CONSULENZE

CURRENT ACADEMIC APPOINTMENTS

Deputy Coordinator of the Interclass Council in Food Science and Technology, University of Palermo (since 2026)

Member of the Quality Assurance Committee of the Degree Program in Food Science and Technology, University of Palermo (since 2026)

Head of the Operational Unit “Phytochemicals and Nutraceuticals”, Italian Society of Experimental Biology (since 2022)

Institutional Coordinator of the framework agreement between the Department of STEBICEF, University of Palermo, and Abel Nutraceuticals S.r.l., serving as departmental contact (since 2019)

ASSOCIAZIONI SCIENTIFICHE

Member of the Italian Society of Biochemistry and Molecular Biology (SIB)

Member of the Italian Society of Experimental Biology (SIBS)

PUBBLICAZIONE

BIBLIOMETRIC INDICATORS

Professor Gentile is co-author of over 80 proceedings in national and international conferences and of 101 publications on ISI recognized high-profile international journals Indexed in ISI Web of Science and/or Scopus.

Scopus (ID: 8303901100): 99 documents, 4466 total citations, 40 h-index

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PEER-REVIEWED PUBLICATION INDEXED IN ISI WEB OF SCIENCE AND/OR SCOPUS (LAST FIVE YEARS)

1. Carloni S., Nasoni M.G., Perrone S., Bargagni E., Gentile C., Manucha W., Reiter R.J., Lucchetti F., and Balduini W. Melatonin Mitochondrial Function: Insights into Bioenergetics, Dynamics, and Gene Regulation (2025) Biocell In press. Doi:10.32604/biocell.2025.073776

2. Martín Giménez V.M., García Menéndez S., Chuffa L.G.A., Simão V.A., Reiter R.J., Sharma R., Balduini W., Gentile C., and Manucha W. Mitochondrial Stress, Melatonin, and Neurodegenerative Diseases: New Nanopharmacological Approaches. (2025) *Biocell*, 49(12), [2245-2282](#). DOI: 10.32604/biocell.2025.071830
3. Cruciata, I., Naselli, F., Volpes, S., Cardinale, P.S., Greco, L., Federico, F., Ramazzotti, M., Perrone, A., Serio, G., Gentile, C., Caradonna, F. Methyloomic Signature and Epigenetic Damage Modulation of Bronte Pistachio (*Pistacia vera* L.) Hydrophilic Extract in Differentiated CaCo-2 Cells (2025) *Nutrients*, 17 (16), art. no. 2678. DOI: 10.3390/nu17162678
4. Gatti, N., Serio, G., Morante-Carriel, J., Deusebio, P., Conti, G., Eva, C., Maghrebi, M., Gentile, C., Mannino, G. Phytochemical and Antioxidant Profile of Pitaya (*Hylocereus hybridum*) Fruits: Elucidation Through Chemical Fractionation (2025) *Journal of Food Science*, 90 (8), art. no. e70502, DOI: 10.1111/1750-3841.70502
5. Greco, C., Serio, G., Viola, E., Barbera, M., Mammano, M.M., Orlando, S., Franciosi, E., Ciulla, S., Alfonzo, A., Schicchi, R., Piazzese, D., Gentile, C., Settanni, L., Mannino, G., Gaglio, R. Exploring the Functional Properties of Leaves of *Moringa oleifera* Lam. Cultivated in Sicily Using Precision Agriculture Technologies for Potential Use as a Food Ingredient (2025) *Antioxidants*, 14 (7), art. no. 799, DOI: 10.3390/antiox14070799
6. Ragusa, M.A., Gentile, C., Nicosia, A., Costa, S., Volpes, S., Greco, L., Naselli, F., Caradonna, F. Epigenetic Remodeling of Regulatory Regions by Indicaxanthin Suggests a Shift in Cell Identity Programs in Colorectal Cancer Cells (2025) *International Journal of Molecular Sciences*, 26 (13), art. no. 6072, DOI: 10.3390/ijms26136072
7. Gatti, N., Serio, G., Maghrebi, M., Gentile, C., Berteza, C.M., Mannino, G. Biochemical and biomolecular response of Arabidopsis seedlings to osmotic and salt stress: Mitigation by biostimulant formulation enriched in betalain degradation products (2025) *Current Plant Biology*, 41, art. no. 100438, DOI: 10.1016/j.cpb.2025.100438
8. Lopresti, F., Capuana, E., Serio, G., Gentile, C., Botta, L. Polylactic Acid/Bamboo Leaf Extract Electrospun Mats with Antioxidant Activity for Food Packaging Applications (2024) *Antioxidants*, 13 (12), art. no. 1555. DOI: 10.3390/antiox13121555
9. Serio, G., Naserian, S., Ben Fraj, S.B., Uzan, G., Gentile, C. Regenerative and Anti-Senescence Potential of Extracts from Different Parts of Black Persimmon in an In Vitro Model of Vascular Endothelium (2024) *Foods*, 13 (21), art. no. 3366. DOI: 10.3390/foods13213366
10. Serio G., Asteggiano A., Gatti N., La Rosa L., Berteza CM., Farina V., Medana C., Mannino G., Gentile C. Comparative Profiling of Secondary Metabolites and Antioxidant Properties of Twelve Morus Varieties: Insights into the diversity of *M. alba* and *M. nigra* grown in Sicily (2024) *Food Bioscience*, Accepted for publication 19/07/2024
11. Gatti N., Serio G., Gentile C., Berteza CM, Mannino G. Impact of a biostimulant enriched in betalain degradation products on ROS Signaling, Proline Accumulation, and Phytohormone Homeostasis (2024) *Current Plant Biology*. Accepted for publication 15/07/2024. Doi10.1016/j.cpb.2024.100373
12. Viola E., Mannino G., Serio G., La Rosa L., Garofalo G., Schicchi R., Settanni L., Gentile C., Gaglio R. Phytochemical profiling and investigation of antioxidant, anti-proliferative, and antibacterial properties in spontaneously grown Sicilian sumac (*Rhus coriaria* L.) fruits. (2024) *Food Bioscience*, 61, art. no. 104704. DOI: 10.1016/j.fbio.2024.104704
13. Gatti, N., Maghrebi, M., Serio, G., Gentile, C., Bunea, V.V., Vigliante, I., Boitte, C., Garabello, C., Contartese, V., Berteza, C.M., Mannino, G. Seaweed and yeast extracts as sustainable phytostimulant to boost secondary metabolism of apricot fruits (2024) *Frontiers in Plant Science*, 15, art. no. [1455156](#). DOI: 10.3389/fpls.2024.1455156
14. Mannino G., Serio G., Gaglio R., Maffei M.E., Settanni L., Di Stefano V., Gentile C. Biological Activity and Metabolomics of *Griffonia simplicifolia* Seeds Extracted with Different Methodologies (2023) *Antioxidants*, 12 (9), art. no. 1709. DOI: 10.3390/antiox12091709
15. Liguori G., Greco G., Gaglio R., Settanni L., Gentile C., Inglese P. Mucilage-Based and Calcium Ascorbate Edible Coatings Improve Postharvest Quality and Storability of Minimally Processed Cactus Pear Fruit Stored under Passive Atmosphere (2023) *Horticulturae*, 9 (1),

16. Ragusa M.A., Naselli F., Cruciata I., Volpes S., Schimmenti C., Serio G., Mauro M., Librizzi M., Luparello C., Chiarelli R., La Rosa C., Lauria A., Gentile C., Caradonna F. Indicaxanthin Induces Autophagy in Intestinal Epithelial Cancer Cells by Epigenetic Mechanisms Involving DNA Methylation (2023) *Nutrients*, 15 (15), art. no. 3495. DOI: 10.3390/nu15153495

17. Gugliuzza G., Gentile C., Scuderi D., Palazzolo E., Farina V. Effects of salt stress on growth of *Quercus ilex* L. seedlings (2023) *Open Agriculture*, 8 (1), art. no. 20220211. DOI: 10.1515/opag-2022-0211

18. Gaglio R., La Rosa L., Serio G., Mannino G., Alfonzo A., Franciosi E., Settanni L., Gentile C. *Rubus idaeus* by-products: Sustainable improvement of the antioxidant value of sourdough bread by a new enduse of exhausted seeds still containing bioactive compounds (2023) *Innovative Food Science and Emerging Technologies*, 90, art. no. 103517 DOI: 10.1016/j.ifset.2023.103517

19. Bono A., La Monica G., Alamia F., Mingoia F., Gentile C., Peri D., Lauria A., Martorana A. In Silico Mixed Ligand/Structure-Based Design of New CDK-1/PARP-1 Dual Inhibitors as Anti-Breast Cancer Agents (2023) *International Journal of Molecular Sciences*, 24 (18), art. no. 13769. DOI: 10.3390/ijms241813769

20. Mannino G., Serio G., Berteau C.M., Chiarelli R., Lauria A., Gentile C. Phytochemical profile and antioxidant properties of the edible and non-edible portions of black sapote (*Diospyros digyna* Jacq.). (2022) *Food Chemistry*, 380, art. no. 132137. DOI: 10.1016/j.foodchem.2022.132137

21. Mannino G., Serio G., Asteggiano A., Gatti N., Berteau C.M., Medana C., Gentile C. Bioactive Compounds and Antioxidant Properties with Involved Mechanisms of *Eugenia involucrata* DC Fruits. (2022) *Antioxidants*, 11 (9), art. no. 1769. DOI: 10.3390/antiox11091769

22. Mannino G., Serio G., Gaglio R., Busetta G., La Rosa L., Lauria A., Settanni L., Gentile C. Phytochemical Profile and Antioxidant, Antiproliferative, and Antimicrobial Properties of *Rubus idaeus* Seed Powder (2022) *Foods*, 11 (17), art. no. 2605. DOI: 10.3390/foods11172605

23. Giammanco M., Plescia F., Giammanco M.M., Leto G., Gentile C. Bioactive effects of citrus flavonoids and role in the prevention of atherosclerosis and cancer (2022) *Journal of Biological Research (Italy)*, 95 (1), art. no. 10313. DOI: 10.4081/jbr.2022.10313

24. D'Anna L., Rubino S., Pipitone C., Serio G., Gentile C., Palumbo Piccionello A., Giannici F., Barone G., Terenzi A. Salphen metal complexes as potential anticancer agents: interaction profile and selectivity studies toward the three G-quadruplex units in the KIT promoter (2022) *Dalton Transactions*, 52 (10), pp. 2966 – 2975. DOI: 10.1039/d2dt03229e

25. Martorana A., La Monica G., Bono A., Mannino S., Buscemi S., Palumbo Piccionello A., Gentile C., Lauria A., Peri D. Antiproliferative Activity Predictor: A New Reliable In Silico Tool for Drug Response Prediction against NCI60 Panel (2022) *International Journal of Molecular Sciences*, 23 (22), art. no. 14374 DOI: 10.3390/ijms232214374

26. Mannino G., Cirlincione F., Gaglio R., Franciosi E., Francesca N., Moschetti G., Asteggiano A., Medana C., Gentile C., Settanni L. Preliminary Investigation of Biogenic Amines in Type I Sourdoughs Produced at Home and Bakery Level (2022) *Toxins*, 14 (5), art. no. 293 DOI: 10.3390/toxins14050293

27. Mannino G., Ricciardi M., Gatti N., Serio G., Vigliante I., Contartese V., Gentile C., Berteau C.M. Changes in the Phytochemical Profile and Antioxidant Properties of *Prunus persica* Fruits after the Application of a Commercial Biostimulant Based on Seaweed and Yeast Extract (2022). *International Journal of Molecular Sciences*, 23 (24), art. no. 1591 DOI:10.3390/ijms232415911

28. Gentile C., Mannino G., Palazzolo E., Gianguzzi G., Perrone A., Serio G., Farina V. Pomological, sensorial, nutritional and nutraceutical profile of seven cultivars of Cherimoya (*Annona cherimola* Mill). (2021) *Foods*, 10 (1), art. no. 35. DOI: 10.3390/foods10010035

29. Liguori G., Gaglio R., Greco G., Gentile C., Settanni L., Inglese P. Effect of *Opuntia ficus indica* mucilage edible coating on quality, nutraceutical, and sensorial parameters of minimally processed cactus pear fruits (2021) *Agronomy*, 11 (10), art. no. 1963 DOI: 10.3390/

30. Mannino G., Iovino P., Lauria A., Genova T., Asteggiano A., Notarbartolo M., Porcu A., Serio G., Chinigò G., Occhipinti A., Capuzzo A., Medana C., Munaron L., Gentile C. Bioactive triterpenes of *Protium heptaphyllum* gum resin extract display cholesterol-lowering potential (2021) *International Journal of Molecular Sciences*, 22 (5), art. no. 2664, pp. 1 – 22 DOI: 10.3390/ijms22052664
31. Lauria A., Martorana A., Monica G.L., Mannino S., Mannino G., Peri D., Gentile C. In silico identification of small molecules as new cdc25 inhibitors through the correlation between chemosensitivity and protein expression pattern (2021) *International Journal of Molecular Sciences*, 22 (7), art. no. 3714. DOI: 10.3390/ijms22073714
32. Lauria A., La Monica G., Terenzi A., Mannino G., Bonsignore R., Bono A., Almerico A.M., Barone G., Gentile C., Martorana A. Antiproliferative properties and g-quadruplex-binding of symmetrical naphtho[1,2-b:8,7-b']dithiophene derivatives (2021) *Molecules*, 26 (14), art. no. 4309. DOI: 10.3390/molecules26144309
33. Bellavia D., Dimarco E., Costa V., Carina V., De Luca A., Raimondi L., Fini M., Gentile C., Caradonna F., Giavaresi G. Flavonoids in Bone Erosive Diseases: Perspectives in Osteoporosis Treatment (2021) *Trends in Endocrinology and Metabolism*, 32 (2), pp. 76 – 94. DOI: 10.1016/j.tem.2020.11.00
34. Lauria A., La Monica G., Gentile C., Mannino G., Martorana A., Peri D. Identification of biological targets through the correlation between cell line chemosensitivity and protein expression pattern (2021) *Drug Discovery Today*, 26 (10), pp. 2431 – 2438 DOI: 10.1016/j.drudis.2021.05.013
35. Mannino G., Gentile C., Ertani A., Serio G., Berteà C.M. Anthocyanins: Biosynthesis, distribution, ecological role, and use of biostimulants to increase their content in plant foods—a review (2021) *Agriculture (Switzerland)*, 11 (3), art. no. 212, pp. 1 – 25. DOI: 10.3390/agriculture11030212
36. Bellavia D., Caradonna F., Dimarco E., Costa V., Carina V., De Luca A., Raimondi L., Fini M., Gentile C., Giavaresi G. Non-flavonoid polyphenols in osteoporosis: preclinical evidence (2021) *Trends in Endocrinology and Metabolism*, 32 (7), pp. 515 – 529 DOI: 10.1016/j.tem.2021.03.008
37. Mannino G., Pernici C., Serio G., Gentile C., Berteà C.M. Melatonin and phytemelatonin: Chemistry, biosynthesis, metabolism, distribution and bioactivity in plants and animals—an overview. (2021) *International Journal of Molecular Sciences*, 22 (18), art. no. 9996 DOI: 10.3390/ijms22189996
38. Bellavia D., Caradonna F., Dimarco E., Costa V., Carina V., De Luca A., Raimondi L., Gentile C., Alessandro R., Fini M., Giavaresi G. Terpenoid treatment in osteoporosis: this is where we have come in research. (2021) *Trends in Endocrinology and Metabolism*, 32 (11), pp. 846 – 861. DOI: 10.1016/j.tem.2021.07.011
39. Gentile C. Biological activities of plant food components: Implications in human health (2021) *Foods*, 10 (2), art. no. 456, pp. 1 – 2. DOI: 10.3390/foods10020456
40. Mannino G., Chinigò G., Serio G., Genova T., Gentile C., Munaron L., Berteà C.M.. Proanthocyanidins and where to find them: A meta-analytic approach to investigate their chemistry, biosynthesis, distribution and effect on human health. (2021) *Antioxidants*, 10 (8), art. no. 1229. DOI: 10.3390/antiox10081229
41. Farina V., Tinebra I., Perrone A., Sortino G., Palazzolo E., Mannino G., Gentile C.. Physicochemical, Nutraceutical and Sensory Traits of Six Papaya (*Carica papaya* L.) Cultivars Grown in Greenhouse Conditions in the Mediterranean Climate (2020) *Agronomy*, 10 (4), art. no. 501. DOI: 10.3390/agronomy10040501
42. Caradonna F., Consiglio O., Luparello C., Gentile C. Science and healthy meals in the world: Nutritional epigenomics and nutrigenetics of the mediterranean diet (2020) *Nutrients*, 12 (6), art. no. 1748, pp. 1 – 23. DOI: 10.3390/nu1206174
43. Mannino G., Di Stefano V., Lauria A., Pitonzo R., Gentile C. *Vaccinium macrocarpon* (Cranberry)-based dietary supplements:

Variation in mass uniformity, proanthocyanidin dosage and anthocyanin profile demonstrates quality control standard needed (2020) *Nutrients*, 12 (4), art. no. 992. DOI: 10.3390/nu12040992

44. Lauria A., Mannino S., Gentile C., Mannino G., Martorana A., Peri D. DRUDIT: Web-based DRUGs DIScovery Tools to design small molecules as modulators of biological targets (2020) *Bioinformatics*, 36 (5), pp. 1562 – 1569 DOI: 10.1093/bioinformatics/btz783

45. Liguori G., Gentile C., Sortino G., Inglese P., Farina V. Food quality, sensory attributes and nutraceutical value of fresh “Osteen” mango fruit grown under mediterranean subtropical climate compared to imported fruit (2020) *Agriculture (Switzerland)*, 10 (4), art. no. 103 DOI: 10.3390/agriculture10040103

46. Melilli M.G., Stefano V.D., Sciacca F., Pagliaro A., Bognanni R., Scandurra S., Virzi N., Gentile C., Palumbo M. Improvement of fatty acid profile in durum wheat breads supplemented with *Portulaca oleracea* L. quality traits of purslane-fortified bread (2020) *Foods*, 9 (6), art. no. 764. DOI: 10.3390/foods9060764

47. Liguori G., Gentile C., Gaglio R., Perrone A., Guarcello R., Francesca N., Fretto S., Inglese P., Settanni L. Effect of addition of *Opuntia ficus indica* mucilage on the biological leavening, physical, nutritional, antioxidant and sensory aspects of bread (2020) *Journal of Bioscience and Bioengineering*, 129 (2), pp. 184 – 191 DOI: 10.1016/j.jbiosc.2019.08.009

48. Mannino G., Campobenedetto C., Vigliante I., Contartese V., Gentile C., Berteà C.M. The application of a plant biostimulant based on seaweed and yeast extract improved tomato fruit development and quality (2020) *Biomolecules*, 10 (12), art. no. 1662, pp. 1 – 19 DOI: 10.3390/biom10121662

49. Farina V., Gentile C., Sortino G., Gianguzzi G., Palazzolo E., Mazzaglia A. Tree-Ripe mango fruit: Physicochemical characterization, antioxidant properties and sensory profile of six mediterranean-grown cultivars (2020) *Agronomy*, 10 (6), art. no. 884 DOI: 10.3390/agronomy10060884

50. Martorana A., Gentile C., Lauria A. In silico insights into the SARS CoV-2 main protease suggest NADH endogenous defences in the control of the pandemic coronavirus infection (2020) *Viruses*, 12 (8), art. no. 805. DOI: 10.3390/v12080805

51. Mannino G., Gentile C., Porcu A., Agliassa C., Caradonna F., Berteà C.M. Chemical profile and biological activity of cherimoya (*Annona cherimola* Mill.) and atemoya (*Annona atemoya* leaves) (2020) *Molecules*, 25 (11), art. no. 2612. DOI: 10.3390/molecules25112612

52. Melilli M.G., Pagliaro A., Scandurra S., Gentile C., Di Stefano V. Omega-3 rich foods: Durum wheat spaghetti fortified with *Portulaca oleracea*. (2020) *Food Bioscience*, 37, art. no. 100730 DOI: 10.1016/j.fbio.2020.100730

53. Fratianni A., Adiletta G., Di Matteo M., Panfili G., Niro S., Gentile C., Farina V., Cinquanta L., Corona O. Evolution of carotenoid content, antioxidant activity and volatiles compounds in dried mango fruits (*Mangifera indica* L.) (2020) *Foods*, 9 (10), art. no. 1424. DOI: 10.3390/foods9101424

54. Mannino G., Perrone A., Campobenedetto C., Schittone A., Margherita Berteà C., Gentile C. Phytochemical profile and antioxidative properties of *Plinia trunciflora* fruits: A new source of nutraceuticals (2020) *Food Chemistry*, 307, art. no. 125515 DOI: 10.1016/j.foodchem.2019.125515

ATTIVITA' SCIENTIFICHE

ACADEMIC BOARD OF PhD PROGRAMS

Member of the Doctoral Board in Molecular and Biomolecular Sciences since 2018. Previously served as a member of the Doctoral Boards in Mediterranean Biodiversity, Drug Sciences and Technologies, and Pharmaceutical Sciences.

INTERNATIONAL MOBILITY

2025 – Visiting Professor, Universidad Nacional de Cuyo, Mendoza, Argentina, funded under the 2025 Italy–Argentina Interuniversity Cooperation Grant (CUIA).

2019 – Visiting Professor, Erasmus+ Program, INSERM U1197, Villejuif, France.

2005 – Postdoctoral Fellow, INSERM U602, Université Paris XI, France. Funded by Nouvelles Recherches Biomédicales.

2004 – Postdoctoral Fellow, INSERM U602, France. Funded by the Société Française d'Hématologie.

2003–2004 – PhD Visiting Student, INSERM U602, Université Paris XI, France.

2002 – PhD Visiting Student, School of Medicine, Southampton General Hospital, Southampton, United Kingdom.

EDITORIAL ACTIVITY

Editorial Board Member of *Antioxidants* (ISSN 2076-3921), *Foods* (ISSN 2304-8158), and *Agronomy* (ISSN 2073-4395).

AMBITI DI RICERCA

Phytochemical bioactivity, with a focus on antioxidative, anti-inflammatory, and antiproliferative mechanisms.

Cancer cell biology, including cellular metabolism, stress response pathways, and cell cycle regulation.