

Curriculum Alessandra Zambonelli

- In 1991 she graduated in Agricultural Science with a score 110/110 with laude.
- On the 24th of November 1986 received the “prof. Alessandro Trotter” price by the University of Bologna.
- On the 6th of June 1987 she was awarded the title of PhD in Plant Pathology
- From 1991 to September 1997 she has worked at the Dipartimento di Protezione e Valorizzazione Agroalimentare of Bologna University as a technician.
- From November 2003 she is President of the Italian Mycological Association Unione Micologica Italiana.
- From the 1st of October 1997 to January 2005 she has continued her work at the Dipartimento di Protezione e Valorizzazione Agroalimentare of Bologna University as a Researcher.
- From the 20th of January 2005 to the February 2016 she was Associate Professor at the Bologna University, Faculty of Agriculture (Scientific sector AGR 12).
- From the 1st of February 2016 to today she is full professor of Botany (sector 05/A1 – General Botanic SSD BIO/01) at the Department of Agricultural and Food Sciences of Bologna University.
- From the 1st of February 2016 to 2020 was president of CEMM (Confédération européenne de la Mycologie Méditerranée) and actually is vice-president.

From 2023 she is Adjunct Professor in the Food Futures Institute/Centre for Crop and Food Innovation University of Murdoch, Australia

Research activity

- h-index: 31 (Scopus), total citations n. 4550 (retrieved on 7 July 2023).
- Prof. Alessandra Zambonelli has contributed to 260 publications, 108 are on Scopus (see publication list). She is co-author of many Italian books on truffles and one in English “Taming the truffle” edited by Timber Press. This book has 337 citations (retrieved on 7 July 2023 on google scholar).
- was a referee for the numerous International Scientific Journals: (New Phytologist, Molecular Ecology, Trends in Biotechnology, Cryptogamie Mycologie, Plant and Soil, Applied soil ecology, Mycorrhiza, FEMS microbiology letters, Microbial Ecology, Fungal biology, Environmental microbiology, Mycotaxon, African journal of Microbiology Research, Industrial Crops and products, Journal of Applied Agricultural Research, International Journal of Biometeorology, Journal of Basic Microbiology, Scientific report, Frontiers in microbiology MPI journals, etc.).

She was referee of international scientific projects of CRUI, Czech Science Foundation, Science Fund of the Republic of Serbia, Swiss National Science Foundation.

- is editor in chief of the Italian Journal of Mycology (ex Micologia Italiana), open access by the University of Bologna “AlmaDL.
- is member of the editorial committee of MDPI Plant journal (as section Editor) and associate editor of Frontiers in Fungal Biology. She was co- editor of the supplemental number of Mycorrhiza 1, 2014.

- was Co-editor of the book *Edible Ectomycorrhizal Mushrooms: current knowledge and future prospects*, (Zambonelli A. & Bonito G.M., ed.), Soil biology series, Springer. She was Co-editor of the book *“True Truffles (Tuber spp.) in the World”*, (Zambonelli A., Iotti M. & Murat C., ed.) Soil biology series, Springer.
- Since 1992 she has collaborated with the New Zealand Institute for Crop and Food Research (today Plant and Food) on cultivation of truffles and was invited many times to New Zealand to advise on their truffle research.
- is honorary member of New Zealand Truffle association. She is president of the National Mycological association *Unione Micologica Italiana* (<https://www.unionemicologicaitaliana-aps.it/>), vice-president (she was president from 2016 to 2020) of CEMM (*Confédération européenne de la Mycologie Méditerranée*) and member of the Botanical National Association *Società Botanica Italiana*.
- is member of OPTIMA (Organization for the Phyto-Taxonomic Investigation in the Mediterranean Area) and of *Accademia Nazionale di Agricoltura*.
- has participated at more than 70 national and international conferences. She was member of the organizing committee and/or scientific committee of several national and international conferences (Second International Workshop on Edible Ectomycorrhizal Mushrooms, First International Congress of Trufficulture, International Congress on Mycorrhizae 2014, First International Conference on truffle research, 7th International workshop on edible Mycorrhizal Mushrooms, 2013, The second symposium on hypogeous fungi in Mediterranean basin (HYPOGES 2), The Fifth Congress *Tuber aestivum / uncinatum* European Scientific Group (TAUESG 5), Workshop Internacional sobre Hongos Micorrízicos Comestibles, XVII, XVIII, XX Convegno Nazionale di Micologia, XVII Convegno Nazionale Sipav) and invited speaker at numerous international and national conferences.
- is responsible of the hypogeous fungi herbarium (CMI-Unibo), of the DISTAL which collects more than 5500 specimens of truffle collected in different parts of the world.

Project Research responsibility and participation

- Scientific responsible for the Bologna research unit of the COFIN 2003: *“Interactions between Tuber borchii Vittad. strains during the different phases of the ontogenetic cycle.”*.
- Scientific responsible for the Bologna research unit of the COFIN 2008: *“Investigations of cytomorphological changes in Tuber species caused by environment and genetic variation”*
- Coordinator and scientific responsible of the interregional project MAGNATUM (2008-2010) co-funded by the regions Abruzzo, Emilia – Romagna, Molise and Tuscany and coordinated by ARSIA (Agenzia Regionale per lo Sviluppo e l'Innovazione nel settore Agricolo-forestale) –Tuscany Region.
- Italian scientific responsible of a bilateral Research project Italy-Hungary years 2008-2010.
- Italian scientific responsible of a bilateral Research project Italy-France (Galileo project) year 2004-.
- Scientific responsible for the Bologna research unit of the strategic project CNR *“Biotecnologia della Micorizzazione”* years 1994-1995 (Research Unit Bologna-Parma)
- Scientific responsible for the Bologna research unit of the strategic project CNR- Regions. *“Tuber: Biotecnologia della Micorizzazione”* years 1996-1997 (Research Unit Bologna-Parma)

- Scientific responsible for the Bologna research unit of the strategic project CNR- Regions -Provinces: “Biotecnologia dei funghi eduli ectomicorrizici dalle applicazioni agro forestali a quelle agroalimentari”.years 2001-2003 (Research Unit Bologna-Parma)
- Responsible of a researcher-exchange between the University Yerevan (Armenia) (where she spent one short work period) and Bologna University.
- •Scientific is responsible of the project S.U.N.B.E.A.M. “Structured University mobility between the Balkans and Europe for the Adriatic-ionic Macroregion” approved in July 2015.
- She was a member of “Tuber genome consortium” coordinated by Dr. Francis Martin (INRA, Nancy). At this consortium participated the Genoscope center (Paris) and research groups of CNR and of different Italian Universities. .
- She is the unique Italian collaborator at the international Project 1KFG: Deep Sequencing of Ecologically-relevant Dikarya having Francis M. Martin (INRA-Nancy), Joseph W. Spatafora (Oregon State University), Rytas Vilgalys (Duke University) e David Hibbett (Clark University) as proposer.
- She was responsible for numerous scientific collaboration with public and private bodies such as the Regione Emilia Romagna Regione Calabria and the provinces of Bologna, Modena, the Consortium “Comunale of Parma”, the “Unione dei Comuni Valsamoggia”.

She is scientific responsible of a MOU with the Kunming Institute of Botany, Chinese Academy of Sciences.

She participated to the EU project LIFE (2014-2020) AGROWETLANDS II and she is participating to the LIFE (2019-2025) LIFEGREEN4BLUE.

She is participating at the Horizon projects CARINA, UNTWIST and 4CE-MED.

She is participating at the PNRR project CN - Biodiversità - CUP: J33C22001190001

From 23/11/2016 she is member of the technic table of truffle sector of the Italian “Ministero delle politiche agricole e forestali”(MIPAF).

Teaching Experience

- From the academic year 2004-2005 to today she was a teacher at Bologna University where she taught General Botany, Plant Biology, General Plant Pathology, Special Plant Pathology, Agrarian Mycology, Pathology of officinal Plants, Mycology applied to bioremediation and valorization of the territory, Applied Mycopathology. Now she is the responsible of the courses of Plant Biology and agricultural genetic (C.I.) – and Plant Biology and Biodiversity (C.I.) at the Department of Agricultural and Food Sciences.

She was supervisor of more than 100 Bachelor (L) and Master theses (ML)

- She was teacher of Plant pathology at the Faculty of Pharmacy of Parma University and of Agrarian Faculty of Modena-Reggio Emilia.
- She has presented numerous lectures to PhD students to Bologna, Palermo and Urbino Universities. She presented a seminary to Godollo (Hungary) students. In addition, since 1998 she has presented public seminars at the New Zealand Truffle Association’s Annual Conferences.
- She was the Director and teacher of the master in Agrifood Mycology at Bologna University (2007-2008). In 2008 she was director of a course of High University formation “Tecniche analitiche finalizzate al riconoscimento dei funghi freschi e conservati”

- she has been member of the PdD scientific committee of the PhD in plant pathology and in microbial ecology. Actually she is member of the PdD scientific committee of the PhD Health, Safety and Green Systems of Bologna University.

She was supervisor of these PhD students:

Iotti, Mirco (2002) Ph.D in "Plant Pathology" (University of Bologna)

Bonuso, Enrico (2002) METODI MOLECOLARI NELLO STUDIO DELLA VARIABILITÀ GENETICA DI TUBER BORCHII Ph.D in "Plant Pathology" (University of Bologna)

Boutahir, Siham (2013) Nuove biotecnologie per la produzione di piante micorrizate con tartufo, [Dissertation thesis], Alma Mater Studiorum Università di Bologna. PhD in Ecologia microbica e patologia vegetale, 25 Ciclo. DOI 10.6092/unibo/amsdottorato/5646.

Leonardi, Pamela (2018) Tuber borchii: dallo studio delle comunità ectomicorriziche alla sua biologia e genetica, [Dissertation thesis], Alma Mater Studiorum Università di Bologna. PhD in Scienze e tecnologie agrarie, ambientali e alimentari, 30 Ciclo. DOI 10.6092/unibo/amsdottorato/8622.

Federico Puliga (2023) INTEGRATION OF BY-PRODUCTS AND WASTE FROM AGRI-FOOD SUPPLY CHAINS INTO THE «WATER-ENERGY-FOOD» NEXUS (RECOW-ER): THE ROLE OF MUSHROOMS, 35 ciclo.
<http://amsdottorato.unibo.it/10567/>

She is actually supervisor of these PhD students

Simone Graziosi admitted at the 2nd year of PhD in Health, Safety and Green Systems of Bologna University. Research field: Innovation in the production of mycorrhizal truffle plants. Financed by PON call "Research and Innovation" 2014 -2020.

Cyue Huang admitted at the 1st year of PhD in Health, Safety and Green Systems of Bologna University. Research field: Biotechnologies in truffle cultivation. Financed by China Scholarship Council

- She has been a member of PhD examination boards in Torino, Bologna, Pavia, l'Aquila, Urbino, Sassari, University of Murdoch (Australia) e University of Murcia (Spain).

Publication list Alessandra Zambonelli

On Scopus

1. Puliga F, Zuffi V, Baldo, D, Cavatorta D, **Zambonelli A**, Francioso O (2023) *Cladosporium cladosporioides* (strain Clc/1): a candidate for low-density polyethylene degradation. Chem. Biol. Technol. Agric. 10, 50 <https://doi.org/10.1186/s40538-023-00419-2>
2. Poesio C, De Feudis M, Morsolin A, Lambertini C, **Zambonelli A**, Falsone G, Vittori Antisari L (2023) Exploring the canal environment in terms of water, bed sediments and vegetation in a reclaimed

floodplain of Northern Italy, Science of The Total Environment,871,161953,
<https://doi.org/10.1016/j.scitotenv.2023.16195>

3. Zuffi V, Puliga F, Zambonelli A, Trinccone L, Sanchez-Cortes S, Francioso O. (2023) Sustainable Management of Anaerobic Digestate: From Biogas Plant to Full-Scale Cultivation of *Pleurotus ostreatus*. *Agronomy*. 13(4):950. <https://doi.org/10.3390/agronomy13040950>
4. Puliga F, Zuffi V, **Zambonelli A.** et al. Spectroscopic analysis of mushrooms by surface-enhanced Raman scattering (SERS). *Chem. Biol. Technol. Agric.* 9, 100 (2022).
<https://doi.org/10.1186/s40538-022-00367-3>
5. Sisti D, Donati Zeppa S, Amicucci, A, Vittori Antisari L, Vianello G, Puliga F, Leonardi P, Iotti M, **Zambonelli A** (2022) The bianchetto truffle (*Tuber borchii*) a lead-resistant ectomycorrhizal fungus increases *Quercus cerris* phytoremediation potential. *Environmental Microbiology*, 24(12), 6439–6452. Available from: <https://doi.org/10.1111/1462-2920.16273>
6. Graziosi S, Leonardi P, **Zambonelli A.** (2022). Symbiotic interactions between orchids and *Tuber borchii*. *Italian Journal of Mycology*, 51(1), 58–65. <https://doi.org/10.6092/issn.2531-7342/15348>
7. Puliga F, Leonardi P, Minutella F, **Zambonelli A**, Francioso O. (2022) Valorization of Hazelnut Shells as Growing Substrate for Edible and Medicinal Mushrooms. *Horticulturae*. 8(3):214.
<https://doi.org/10.3390/horticulturae8030214>
8. Galante A, Marino A, Bianchi, S, Leonardi M, **Zambonelli A**, Iotti M, Alecci M (2022) Quantitative magnetic resonance imaging technology as an effective tool for monitoring post-harvest decay of *Tuber aestivum* ascomata. 194: 112069 <https://doi.org/10.1016/j.postharvbio.2022.112069>
9. Ori F, Menotta M, Leonardi M, Amicucci A, **Zambonelli A.**, Covès, H, Selosse M-A, Schneider-Maunoury L, Pacioni G, Iotti M (2021). Effect of slug mycophagy on *Tuber aestivum* spores. *Fungal Biology* 125: 796–805. <https://doi.org/10.1016/j.funbio.2021.05.002>
10. Leonardi ., Baroni, R, Puliga F, Iotti M, Salerni E. Perini C, **Zambonelli A** (2021) Co-occurrence of true truffle mycelia in *Tuber magnatum* fruiting sites. *Mycorrhiza* 31, 389–394
<https://doi.org/10.1007/s00572-021-01030-9>
11. Wang D, Zhang J L., Wang Y, **Zambonelli A**, Hall I, Xiong W-P (2021). The cultivation of *Lactarius* with edible mushrooms. *Italian Journal of Mycology*, 50, 63–77. <https://doi.org/10.6092/issn.2531-7342/12908>
12. Mišković J, Karaman M, Rašeta M, Krsmanović N, Berežni S, Jakovljević D, Piattoni F, **Zambonelli A**, Gargano ML, Venturella G. Comparison of Two *Schizophyllum commune* Strains in Production of Acetylcholinesterase Inhibitors and Antioxidants from Submerged Cultivation. (2021) *Journal of Fungi*. 7(2):115. <https://doi.org/10.3390/jof7020115>
13. Puliga F., Illice, M., Iotti M., Leonardi P, Baghdadi, A., Mozafari, A., **Zambonelli, A.** (2021). True truffle diversity in Iran. *Italian Journal of Mycology*, 50(1), 52–62.
<https://doi.org/10.6092/issn.2531-7342/12822>
14. Bajaj SR, Marathe SJ, Grebenc, T, **Zambonelli A**, Shamekh S (2021) . First report of European truffle ectomycorrhiza in the semi-arid climate of Saudi Arabia. *3 Biotech* 11, 24 (2021).
<https://doi.org/10.1007/s13205-020-02559-w>
15. Puliga F, Illice M, Iotti M, Baldo D, **Zambonelli A** (2020) *Tuber iranicum*, sp. nov., a truffle species belonging to the Excavatum clade, *Mycologia*, 112:5, 932-940,
<https://doi.org/10.1080/00275514.2020.1783181>
16. Fornito S, Puliga F, Leonardi P, Di Foggia M, **Zambonelli A**, Francioso O. (2020) Degradative Ability of Mushrooms Cultivated on Corn Silage Digestate. *Molecules*. 2020; 25(13):3020.
<https://doi.org/10.3390/molecules25133020>

17. Leonardi, P., Lugli, F., Iotti, M., Puliga F, Piana F, Gallo F, Baldi F, Vittori Antisari L, **Zambonelli A**, Chiarantini L (2020) Effects of biogenerated ferric hydroxides nanoparticles on truffle mycorrhized plants. *Mycorrhiza* 30, 211–219. <https://doi.org/10.1007/s00572-020-00947-x>
18. Laruccia N, Marletto V, Leonardi P, Puliga F, **Zambonelli A** (2020). Map of suitability for the spontaneous growth of *Tuber magnatum* in Emilia-Romagna (Italy). *Italian Journal of Mycology*, 49(1), 38–53. <https://doi.org/10.6092/issn.2531-7342/1083>
19. Ori F, Hall I, Gianchino C, Iotti M, **Zambonelli A**. (2019). Truffles and Morels: Two Different Evolutionary Strategies of Fungal-Plant Interactions in the Pezizales . In: Varma, A., Tripathi, S., Prasad, R. (eds) *Plant Microbe Interface*. Springer, Cham. <https://doi.org/10.1007/978-3-030-19831-2>
20. Snabl M, Guidori U, Gianchino C, Iotti M, **Zambonelli A** (2019). Morels on the sand dunes of the Emilia-Romagna coast (Northwestern Adriatic Sea, Italy). *Italian Journal of Mycology*, 48(1), 16–25. <https://doi.org/10.6092/issn.2531-7342/9374>
21. Badalyan, S. M., Gharibyan, N. G., Iotti, M., & **Zambonelli, A.** (2019). Morphological and ecological screening of different collections of medicinal white-rot bracket fungus *Ganoderma adspersum* (Schulzer) Donk (Agaricomycetes, Polyporales). *Italian Journal of Mycology*, 48(1), 1–15. <https://doi.org/10.6092/issn.2531-7342/9092>
22. Leonardi P., Murat C., Puliga F, Iotti M., **Zambonelli A.** (2019) Ascoma genotyping and mating type analyses of mycorrhizas and soil mycelia of *Tuber borchii* in a truffle orchard established by mycelial inoculated plants. *Environmental Microbiology*. doi: 10.1111/1462-2920.14777.
23. Murat C., Payen T., Noel B., Kuo A., Morin E., Chen J.,**Zambonelli A.**,.....et al. (2018). Pezizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. *Nat. Ecol. Evol.* 2 1956–1965. 10.1038/s41559-018-0710-4
24. Ori, F; Leonardi, P; Stagnini, E; Balestrini, V; Iotti, M; **Zambonelli, A**, (2018) Is *Tuber brumale* a threat to *T. melanosporum* and *T. aestivum* plantations?, *IFOREST*, 11: 775 - 780
25. Iotti M, Leonardi P Vitali G, **Zambonelli A** (2018) Effect of summer soil moisture and temperature on distribution of *Tuber magnatum* mycelium in soil. *Biology and Fertility of Soils* 54(6):707-716. doi:10.1007/s00374-018-1296-3
26. Amicucci A., Barbieri E., Sparvoli V. , Gioacchini A M., Calcabrini C., Palma F., Stocchi, V., **Zambonelli A.** (2018). Microbial and pigment profile of the reddish patch occurring within *Tuber magnatum* ascomata. *FUNGAL BIOLOGY*, in press doi: 10.1016/j.funbio.2018.07.007
27. Murat C, Kuo A., Barry W. W., Clum A , Dockter, R.B., Fauchery L., Iotti M., Kohler A., LaButti K., Lindquist E. A., Lipzen A., Morin E., Wang M., Grigoriev I. V., **Zambonelli A.**, Martin F M. (2018). Draft genome sequence of *Tuber borchii* Vittad., a whitish edible truffle. *GENOME ANNOUNCEMENTS*, vol. 6, p. 1-2, doi: 10.1128/genomeA.00537-18
28. Leonardi P., Puliga F., Iotti M., Piattoni F., **Zambonelli A.** (2018). Ultra-low freezing to preserve the lingzhi or reishi medicinal mushroom *Ganoderma lucidum* (Agaricomycetes). *INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS*, 20, 677-683. doi: 10.1615/IntJMedMushrooms.2018026535
29. Picceri G.G., Leonardi P., Iotti M., Gallo M.4, Baldi F., Zambonelli A., Amicucci A., Vallorani L., Piccoli G., Ciccimarra G., Arshakyan M., Burattini S., Falcieri E. Chiarantini L. (2018). Bacteria-produced ferric exopolysaccharide nanoparticles as iron delivery system for truffles (*Tuber borchii*). *Applied Microbiology and Biotechnology*. doi: 10.1007/s00253-017-8615-8
30. Leonardi, P., Iotti, M., Zeppa, S.D., Lancellotti, E., Amicucci, A., **Zambonelli, A.** (2017). Morphological and functional changes in mycelium and mycorrhizas of *Tuber borchii* due to heat stress. *Fungal Ecology*, 29: 20-29.

31. **Zambonelli A.**, Ori F, Hall I (2017) Mycophagy and Spore Dispersal by Vertebrates. In: The Fungal Community: Its Organization and Role in the Ecosystem, Fourth Edition (Dighton J, White J F eds) CRC Press
32. Piattoni F, Leonardi P, Boutahir S, Iotti M, **Zambonelli A.** (2017). Viability and infectivity of *Tuber borchii* after cryopreservation. *CryoLetters* 38 (1), 58-64.
33. Mello, A., Zampieri, E., **Zambonelli, A.** (2017). Truffle Ecology: Genetic Diversity, Soil Interactions and Functioning. In: Varma, A., Prasad, R., Tuteja, N. (eds) Mycorrhiza - Function, Diversity, State of the Art. Springer, Cham. https://doi.org/10.1007/978-3-319-53064-2_11
34. **Zambonelli A.**, Leonardi P., Iotti M., Hall I. (2017). Ecological and genetic advances in the cultivation of *Tuber* spp. *Fitotecnica Mexicana* 40(4), 371-377.
35. Iotti M., Piattoni F., Leonardi P., Hall IR., **Zambonelli A.** (2016) First evidence for truffle production from plants inoculated with mycelial pure cultures *Mycorrhiza* 26: 793 – 798
36. Lancellotti E., Fantini P.; Iotti M. **Zambonelli A.**, Franceschini A., (2016) *Tuber melosporum* smooth spores: An anomalous feature in the genus *Tuber*, *Mycologia* 108:174 – 178.
37. Saltarelli R., Ceccaroli P., Buffalini M., Vallorani L., Casadei L., **Zambonelli A.**, Iotti M., Badalyan S., Stocchi V. (2015). Biochemical characterization and antioxidant and antiproliferative activities of different *Ganoderma* collections. *J Mol Microbiol Biotechnol.* 25(1):16-25.
38. Lalli G, Leonardi m, Oddis M, Pacioni G, Salerni E, Iotti M, **Zambonelli A** (2015) "Expanding the understanding of a forest ectomycorrhizal community by combining root tips and fruiting bodies: a case study of *Tuber magnatum* stands," *Turkish Journal of Botany*: 39: 15. <https://doi.org/10.3906/bot-1406-50>
39. Badalyan S.M., Shnyreva A.V., Iotti M., **Zambonelli A.** (2015). Genetic Resources and Mycelial Characteristics of Several Medicinal Polypore Mushrooms (Higher Basidiomycetes). *International Journal of Medicinal Mushrooms* 17(4): 371–384
40. Iotti M., Leonardi M., Lancellotti E., Salerni E., Oddis M., Leonardi P., Perini P., Pacioni G., **Zambonelli A.** (2014). Spatio-temporal dynamic of *Tuber magnatum* mycelium in natural truffle grounds. *PLOS ONE* Ee115921- 9.
41. Lancellotti E., Iotti, M., **Zambonelli A.**, Franceschini A. (2014). Characterization of *Tuber borchii* and *Arbutus unedo* mycorrhizas. *Mycorrhiza* (6):481-486.
42. Piattoni F., Amicucci A., Iotti M., Ori F., Stocchi V., **Zambonelli A.** (2014). Viability and morphology of *Tuber aestivum* spores after passage through the gut of *Sus scrofa*. *Fungal ecology* 9:52–60.
43. Águeda B., **Zambonelli A.**, Molina R. (2014). *Tuber* 2013: scientific advances in sustainable truffle culture. *Mycorrhiza* 24: 1- 4 .
44. Salerni E., Iotti M., Leonardi P., Gardin L., D'Aguzzo M., Perini C., Pacioni G., **Zambonelli A.** (2014). Effects of soil tillage on *Tuber magnatum* development in natural truffières. *Mycorrhiza* (Suppl 1): S79–S87.
45. Vasquez G, Venturella g, Gargano ML, **Zambonelli A** (2014) New Distributive and Ecological Data on *Tuber Magnatum* (Tuberaceae) in Italy." *Flora Mediterranea.* 24; 239–245.
46. **Zambonelli A.**, Donnini D., Rana G.L., Fascetti S., Benucci G.M.N., Iotti M., Morte A., Khabar L., Bawadekji A., Piattoni F., Compagno R., Venturella G. (2014). Hypogeous fungi in Mediterranean maquis, arid and semi-arid forests. *Plant Biosystem* 148: 392-401.
47. Donnini D., Gargano M. L., Perini C., Savino E., Murat C., Di Piazza S., Altobelli E., Salerni E., Rubini A., Rana G. L., Bencivenga M. , Venanzoni R., Zambonelli A. (2013). Wild and cultivated mushrooms as a model of sustainable development *Plant Biosystems* 147:226 – 236.

48. Leonardi M., Iotti M., Oddis M., Lalli G., Pacioni G., Leonardi P., Maccherini S., Perini C., Salerni E., **Zambonelli A.** (2013). Assessment of ectomycorrhizal fungal communities in the natural habitats of *Tuber magnatum* (Ascomycota, Pezizales). *Mycorrhiza* 23: 349–358.
49. Bonito G., Smith M.E., Nowak M., Healy R.A., Guevara G., Cazares E., Kinoshita A., Nouhra E.R., Dominguez L.S., Tedersoo L., Murat C., Wang Y., Arroyo Moreno M., Pfister D.H., Nara K., **Zambonelli A.**, Trappe J., Vilgalys R. (2013). Historical biogeography and diversification of truffles in the Tuberaceae and their newly identified southern hemisphere sister lineage. *PLoS ONE* 8: e52765.
50. Potenza L., Saltarelli R., Polidori E., Ceccaroli P., Amicucci A., Zeppa S., **Zambonelli A.**, Stocchi V. (2012). Effect of 300 mT static and 50 Hz 0.1 mT extremely low frequency magnetic fields on *Tuber borchii* mycelium. *Canadian Journal of microbiology* 58:1174 – 1182. **IF 1,199**
51. Iotti M., Rubini A., Tisserant E., Kholer A., Paolocci F., **Zambonelli A.** (2012). Self/nonself recognition in *Tuber melanosporum* is not mediated by a heterokaryon incompatibility system. *Fungal Biology* 116: 261-275.
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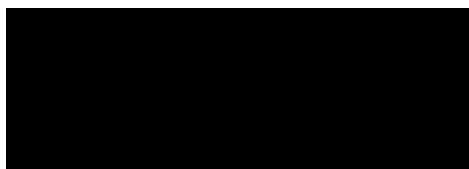
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Firma



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