**NAME: MARWA**
**SURNAME: MOUMNI**

**WORK EXPERIENCE**

**2022-2023**

PostDoc in Department of Agricultural, Food and Environmental Sciences, Marche Polytechnic University

- Morphological and molecular identification of pre and postharvest plant pathogens (e.g., *Botrytis* spp., *Monilinia* spp., *Sclerotinia* spp., *Alternaria alternata*, and *Alternaria brassicicola*….)
- Setting up of field trials to manage preharvest plant diseases
- Setting up of trials to manage postharvest diseases using chitosan, essential oils, basic substances
- Evaluation of antifungal activity of natural compound to control main postharvest diseases
- Professional statistics course organized by the AIPP
- Professional course on Seed Pathology Fundamentals 2023 organized by APS (September-December 2023)

**TEACHING ACTIVITY**

- **Co-tutoring of thesis**

**- 2023: Master thesis of Giovanni Lucamarini, entitled** 'Innovative strategies applied on large scale for the management of grapevine downy mildew and gray mold'
**- 2023: Master thesis of Daniele Colavizza, entitled** 'Effectiveness of basic substances and other low risk compounds for the grapevine downy mildew, powdery mildew and gray mold management'
**- 2023: Master thesis of Tania Binni entitled** 'Effectiveness of natural compounds and low risk active ingredients in the control of fungal diseases of seedbearing cabbage and onion'
**- 2023: Master thesis of Lucezara Vilcu, entitled** 'Effect of the application of microorganisms on symptom expression of esca disease on grapevine'

- **Courses to PhD student (12 h)**
  Course "Seedborne pathogens of agricultural crops: transmission, detection and management" within PhD 'Agricultural, food and environmental sciences' at the Department of agriculture, food and environmental sciences, Marche Polytechnic University.

- **Training for student**
  - Field training for the student to show the main disease on cabbage and onion crops.
  - Laboratory training for the student: Isolation, morphological, and molecular identification of pre and postharvest disease
  - Laboratory training on morphological identification of the main postharvest fungi, for the FABIAM Master student (Postharvest disease management)

**2020-2022**

PostDoc in Department of Agricultural, Food and Environmental Sciences, Marche Polytechnic University
In 2021, I won third position (bronze medal) with my PhD thesis in '*premio di tesi di dottorato aipp-giornate fitopatologiche bandito dall'AIPP'*

**RESEARCH ACTIVITY**

- Morphological identification of the main postharvest decay of peach fruits in cold storage
- Effects of ozone treatment on postharvest decay of peach fruits in cold storage
- Morphological and molecular identification of pre and postharvest plant pathogens (e.g., *Botrytis cinerea*, *Alternaria alternata*, and *Alternaria brassicicola*)
- Setting up of field trials to manage preharvest plant diseases
- Setting up of trials to manage postharvest diseases using chitosan, essential oils, basic substances
- Management of lab trials (e.g., commercial essential oils, and basic substances)

- Professional statistics course

**TEACHING ACTIVITY**

- **Co-tutoring of thesis**

- **2020: Master thesis of Kaies Mezrioui, entitled** 'Morphological and molecular identification of mycotoxins producing fungi in table grapes from Tunisian vineyard'
- **2020: Master thesis of Andrea Perticarà, entitled** 'Pluriannual investigation on foliar diseases in durum wheat cultivars in Marche region'
- **2020: Bachelor thesis of Riccardo Chiariotti, entitled '**Application of chitosan alone and combined with copper for the control of grapevine downy mildew in commercial vineyards'
- **2021: Master thesis of Selene Caproli, entitled '**New strategies to manage downy mildew in organic viticulture: field trials with chitosan in commercial vineyards'

- **Courses to PhD student (12 h)**

Course "Seedborne pathogens of agricultural crops: transmission, detection and management" within PhD 'Agricultural, food and environmental sciences' at the Department of agriculture, food and environmental sciences, Marche Polytechnic University.

- **Training for student**

Online training for the student under: Attività del Progetto PCTO "Una giornata da Ricercatore Fitopatologo"

## EDUCATION AND TRAINING

**2015-2020** **PhD in Agricultural, Food and Environmental Sciences, Marche Polytechnic University (UNIVPM) and in Plant Protection, The National Agricultural Institute of Tunisia (INAT).**

PhD subject entitled "Morphological and molecular identification of seedborne fungi of squash (*Cucurbita maxima*) and approaches to control."
I obtained two diploma of PhD from two University with note '**very honorable**' in **Plant Protection at National Institute of Agronomy of Tunisia (INAT)** and in **Agricultural, Food and Environmental Sciences at Marche Polytechnic University (UNIVPM)** in 2020.
My research activities were in laboratory of Plant Pathology, Department of Agricultural, Food and Environmental Sciences (UNIVPM) and laboratory of plant protection, The National Institute of research in Agronomy of Tunisia (INRAT).

**RESEARCH ACTIVITY**

- Detection of seedborne fungi on squash, caraway and cumin using classical tools (e.g., Blotter test, Malt agar test) and molecular tools (e.g., PCR, ddPCR)
- Detection of mycotoxin product by *Aspergillus* in seeds of Caraway and Cumin.
- Seed-transmission of the main diseases of cucurbits (e.g. *Stagonosporopsis cucurbitacearum*; *Alternaria alternata*)
- Biological control of seedborne pathogens in squash (e.g., essential oils, chitosan)
- Professional statistics course Level 1 and 2 (SPSS software)

**Other activities**

- Invitation for interview Phytopathology News American Phytopathological Society (APS) as one of the only APS members in TUNISIA ( https://www.apsnet.org/members/community/phytopathology-news/2019/June/Pages/Member-Spotlight.aspx)
- Ricerca internazionale sulle piante, incontro con il Rettore https://www.univpm.it/Entra/Universita_Politecnica_delle_Marche_Home/Ricerca_internazionale_sulle_piante_incontro_con_il_Rettore
- Laboratory training for the students: disease isolation, DNA extraction from mycelia and seeds
- 2017-2018: technician contract in laboratory of plant protection in National Institute of research in Agronomy of Tunisia (INRAT).

**2012-2014** **Master degree in Biological and Integrated control in agriculture**

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

I obtained my diploma of master with note 'very good'
Master subject entitled "Identification of seed borne fungi of muskmelon (*Cucumis melo*) and watermelon (*Citrullis lanatus*)."

**RESEARCH ACTIVITY**

- Morphological identification of the main seed borne fungi of muskmelon and watermelon (e.g., *Fusarium* spp., *Alternaria alternata*, *Stemphylium* sp.)
- Detection of *Erwinia amylovora* on tree pear sample on Tunisia

**2010-2011** **Engineering diploma in Agricultural Science**

High Agronomic school of Kef (ESAK)

I obtained my diploma of Engineering with note 'very good'
Engineering subject entitled " Incidence des Maladies Virales sur Artichaut dans la Délégation de Jedeida (Gouvernorat de Mannouba): Enquêtes Techniques, Prospections et Proposition de méthodes de Lutte (Culture de Méristèmes)."

**RESEARCH ACTIVITY**

I carried out a project dealing with Virus of Artichoke (ALV, CaMV, CMV, PVY).

- Serological identification through ELISA Test
- Viral Sanitation by meristem culture
- Detection of nematode *Tylenchorhynchus* sp.

**Training**:

- 9-16 June, 2011 at Les Sardières, 79 Avenue de Jasseron à 01000 BOURG EN BRESSE- France. The Program of training ''Identification of new varieties of high yielding cereals and presentation of their agronomical performances"
- 15-27 March and 15-31 July 2010 at Inter-professional Grouping of Vegetables (Groupement Interprofessionnel des Légumes GIL). The program of training '' in vitro culture and its applications for the sanitation and micro propagation of several plant species and micrografting in citrus"
- 15 July to 15 August 2009 at Ministry of Agriculture and Water Resources - Tunisia

**2007-2009** **Preparatory cycle to engineering studies**

-Preparatory cycle biology-geology at National Institute of agronomy in Tunis Carthage University (INAT).

- Engineering entrance exam.

**2005-2006** **Scientific Baccalaureate**: Lycée Wafa, Ariana, Tunisia.

## PERSONAL SKILLS

**Mother tongue(s)** Arabic

**Other language(s)**

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|---|
| | Listening | Reading | Spoken interaction | Spoken production | |
| French | Excellent | Excellent | Excellent | Excellent | Excellent |
| English | Excellent | Excellent | Very Good | Very Good | Very Good |
| Italian | Excellent | Excellent | Very Good | Very Good | Very Good |

**Scientific skills**

- Polymerase Chain reaction (PCR)
- Production of polyclonal antisera
- *In Vitro* culture
- Design of specific primers
- Droplet Digital Polymerase Chain Reaction
- Morphological identification
- Control management of pre and postharvest disease

**Digital competence**

- Command of office suite (word and excel processor, spread sheet, presentation software (Powerpoint)
- Conducting analysis with statistical software SPSS and R.
- Design of primer with ClustalX.
- Command of photo editing software.

**Driving licence**

- A,B

## Publications in International journal


- **Moumni M.**, Mancini V., Allagui M.B., Murolo S., Romanazzi G., **2019**. Black rot of squash (*Cucurbita moschata*) caused by *Stagonosporopsis cucurbitacearum* reported in Italy. **Phytopathologia Mediterranea**, 58, 379-383. https://doi.org.10.14601/Phytopathol_Mediter-10624

- **Moumni M.**, Allagui M.B., Mancini V., Murolo S., Tarchoun N., Romanazzi G., **2020**. Morphological and molecular identification of seedborne fungi in squash (*Cucurbita maxima*, *Cucurbita moschata*). **Plant Disease**, 5, 1335-1350. https://doi.org.10.1094/PDIS-04-19-0741-RE

- Saville, A. C., La Spada, F., Faedda, R., Migheli, Q., Scanu, B., Ermacora, P., Gilardi, G., Fedele, G., Rossi, V., Lenzi N., Testa A., Allagui, M. B., **Moumni, M.**, Dongiovanni E., Rekad F. Z., Cooke D. E. L., Pane A., Cacciola S. O., Ristain J. B. **2021**. Population structure of *Phytophthora infestans* collected on potato and tomato in Italy. **Plant Pathology**, 9, 2165-2178. https://doi.org.10.1111/ppa.13444

- **Moumni, M.**; Romanazzi, G.; Najar, B.; Pistelli, L.; Ben Amara, H.; Mezrioui, K.; Karous O.; Chaieb I.; Allagui, M. B. **2021**. Antifungal activity and chemical composition of seven essential oils to control the main seedborne fungi of cucurbits. **Antibiotics**, 10, 104. https://doi.org.10.3390/antibiotics10020104

- **Moumni, M.**, Allagui, M. B., Mezrioui, K., Ben Amara, H., Romanazzi, G. **2021**. Evaluation of Seven Essential Oils as Seed Treatments against Seedborne Fungal Pathogens of Cucurbita maxima. **Molecules**, 8, 2354. https://doi.org.10.3390/molecules26082354

- Murolo, S., **Moumni, M.**, Mancini, V., Allagui, M., Landi, L., Romanazzi, G. 2021. Detection and Quantification of *Stagonosporopsis cucurbitacearum* in Seeds of Cucurbita maxima Using Droplet Digital Polymerase Chain Reaction. Frontiers in microbiology, 12. https://doi.org.10.3389/fmicb.2021.764447

- Romanazzi, G., Orçonneau, Y., **Moumni, M.**, Davillerd, Y., Marchand, P. A. **2022**. Basic Substances, a Sustainable Tool to Complement and Eventually Replace Synthetic Pesticides in the Management of Pre and Postharvest Diseases: Reviewed Instructions for Users. **Molecules**, 11, 3484. https://doi.org.10.3390/molecules27113484

- Ilari, A., Piancatelli, S., Centorame, L., **Moumni, M**., Romanazzi, G., Foppa Pedretti, E. 2023. Distribution Quality of Agrochemicals for the Revamping of a Sprayer System Based on Lidar Technology and Grapevine Disease Management. **Applied Sciences**, 13(4), 2222. https://doi.org/10.3390/app13042222

- Romanazzi, G., **Moumni, M**. **2022**. Chitosan and other edible coatings to extend shelf life, manage postharvest decay, and reduce loss and waste of fresh fruits and vegetables. **Current Opinion in Biotechnology**, 78, 102834. https://doi.org/10.1016/j.copbio.2022.102834

- **Moumni, M.**, Brodal, G., Romanazzi, G. 2023. Recent innovative seed treatment methods in the management of seedborne pathogens. **Food Security**, 15:1365–1382 https://doi.org/10.1007/s12571-023-01384-2

- Fanesi, B., D'Ortenzio, A.L., Kuhalskaya, A., Nartea, A., Fiorini, D., **Moumni, M.**, Landi, L., Lucci, P., Romanazzi, G. and Pacetti, D., **2023**. Identification of volatile organic compounds as markers to detect *Monilinia fructicola* infection in fresh peaches. **Postharvest Biology and Technology**, 206, p.112581. https://doi.org/10.1016/j.postharvbio.2023.112581

- Álvarez-García, S., **Moumni, M.**, Romanazzi, G. **2023**. Antifungal activity of volatile organic compounds from essential oils against the postharvest pathogens *Botrytis cinerea*, *Monilinia fructicola*, *Monilinia fructigena*, and *Monilinia laxa*. **Frontiers in Plant Science**, 14. https://doi.org/10.3389/fpls.2023.1274770

**Publication in National Journal**

- Mezrioui K., Allagui M. B., **Moumni M.**, 2018. Analyse des agents fongiques nécrotrophes associés aux raisins de table en post-récolte. Annales de l'INRAT, 91, 185-198.

- **Moumni M.**, Allagui M.B., Mancini V., Murolo S., Tarchoun N., Romanazzi G., **2020**. Monitoraggio e diagnosi di funghi trasmessi per semi in zucca (*Cucurbita maxima*, *Cucurbita moschata*) mediante metodi classici e molecolari. ATTI Giornate Fitopatologiche, 2, 437-442.

- Romanazzi G., **Moumni M**., 2020. Oli essenziali nella protezione delle piante in campo e in postraccolta. Natural 1, dicembre 2020, 51.

- Marchand, P. A., Davillerd, Y., Riccioni, L., Sanzani, S.M., Horn, N., Matyjaszczyk, E., Golding, J., Roberto, S. R., Mattiuz, B.-H., Xu, D., Guo, X., Tzortzakis, N., Ruiz, Y.Y.P., Pavela, R., Karaffa, E. M., Khamis, Y., Hosseinifarahi, M., Ippolito, A., Di Francesco, A., Germinara, G. S., Toffolatti, S., Sannino, F., Chaves-Lopez, C., Mezzalama, M., Mori, N., Bautista-Banos, S., Gutierrez Martinez, P., Kowalska, J., Gonzalez-Candelas, L., Garde-Cerdan, T., Allagui, M. B., Kinay Teksur, P., **Moumni, M.**, Giovani, B., Romanazzi, G. **2021**. BasicS, an euphresco international network on renewable natural substances for durable crop protection products. Chronicle of Bioresource Management, 077– 080.

- Romanazzi. G., **Moumni, M.** *Botrytis cinerea* in post-raccolta. **2021**. Vannacci G., Bianco, P.A., Bonanomi, G., Brunelli, A., Gonthier, P., Lorito, M., Polizzi, G., Rossi, V., Sarocco, S., Scortichini, M. Patologia vegetale, EdiSES Edizioni, Napoli. Capitolo 8. Esempi di malattie. Malattie causate da funghi (Mycota). pp 321-324

- **Moumni M.**, Romanazzi, G. Cancro gommoso delle cucurbitacee. 2021. Vannacci G., Bianco, P.A., Bonanomi, G., Brunelli, A., Gonthier, P., Lorito, M., Polizzi, G., Rossi, V., Sarocco, S., Scortichini, M. Patologia vegetale, EdiSES Edizioni, Napoli. Capitolo 8. Esempi di malattie. Malattie causate da funghi (Mycota). pp 360-364

- Romanazzi, G., Piancatelli S., D'Ignazi G., **Moumni M**. **2022**. Innovative approaches to grapevine downy mildew management on large and commercial scale. BIO Web of Conferences 50, 03010. https://doi.org/10.1051/bioconf/20225003010

- Romanazzi, G., Piancatelli, S., **Moumni, M.**, Chiariotti, R., Caproli, S., Landi, L., Murolo, S., Casturà, T., Amicucci, A., Rosa, F., Animali, D., Coppa, D., Nardi, S., Potentini, R., G. D'ignazi. 2022. Impiego di chitosano in innovative strategie di gestione della peronospora della vite. Giornate Fitopatologiche 255-262.

- Piancatelli, S., **Moumni, M.**, Binni, T., Giardini, D., Profili, R., Napoleoni, D., Morbidelli, M., Fabbri, G., Piersanti, G., Nardi, S., Romanazzi, G. 2022. Impiego di sostanze di origine naturale e a basso impatto ambientale nella protezione del cavolo cappuccio da seme. Atti Giornate Fitopatologiche, 411- 418.

- Romanazzi, G., Piancatelli S., Potentini R., D'Ignazi G., **Moumni M**. 2023. Chitosan treatment to manage grapevine downy mildew. IVES Conference Series, GiESCO 2023. https://ives-openscience.eu/wp-content/uploads/2023/06/Session-11_Romanazzi_Chitosan-treatment.pdf

- Álvarez-García, S., **Moumni, M**. and Romanazzi, G. (2023). In vitro antifungal activity of commercial essential oils in vapor phase against Monilinia fructicola and Botrytis cinerea. Acta Horticulturae, 1363, 251-256 DOI: 10.17660/ActaHortic.2023.1363.37

- Romanazzi, G. and **Moumni, M.** 2023. New challenges in preventing and managing fresh fruit loss and waste. Acta Horticulturae, 1363, 171-176 DOI:10.17660/ActaHortic.2023.1363.25

- D'Ortenzio, A.L., Makau, S.M., Mancini, V., Piancatelli, S., **Moumni, M.**, Landi, L. and Romanazzi, G. 2023. Effects of ozone treatment on postharvest decay of peach fruits in cold storage. Acta Horticulturae, 1363, 207-212 DOI: 10.17660/ActaHortic.2023.1363.31

**Congress Abstract**

- Romanazzi G., **Moumni M**., 2020. Oli essenziali nella protezione delle piante in campo e in postraccolta. Natural 1, dicembre 2020, 51.
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- S. Piancatelli, **M. Moumni**, T. Binni, L. Landi, S. Murolo, G. Romanazzi. Detection of phytoplasma infection in seed-bearing cabbage (Brassica oleracea var. capitata) in Marche region, Italy. Incontro Nazionale Fitoplasmi 2021.

- Romanazzi, G., Piancatelli S., D'Ignazi G., **Moumni M.** 2022. Innovative approaches to grapevine downy mildew management on large and commercial scale. Proceedings of the 9th International Workshop on Grapevine Downy and Powdery Mildew.

- D'Ortenzio, A.L., Makau, S.M., Mancini, V., Piancatelli, S., **Moumni, M.**, Landi, L., Romanazzi, G. Effects of ozone treatment on postharvest decay of peach fruits in cold storage. VI Inter-national Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022

- Romanazzi, G., **Moumni, M.** New challenges in preventing and managing fresh fruit loss and waste. VI Inter-national Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022.

- **Moumni M.**, Hannachi I., Ben Amara H., Romanazzi G. and Allagui M. B. Antifungal activity of thirty essential oils to control pathogenic fungi of postharvest decay under cold storage. VI Inter-national Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022

- **Moumni M.**, Hannachi I., Ben Amara H., Romanazzi G. and Allagui M. B. Effect of CMC-Beeswax composite edible coating amended with antifungal agents on physicochemical proprieties of plum fruits during cold storage. VI Inter-national Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022

- Álvarez-García S., **Moumni M.**, Romanazzi G. In vitro antifungal activity of commercial essential oils in vapor phase against *Monilinia fructicola* and *Botrytis cinerea.* VI Inter-national Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022

- **Moumni M**., Allagui M.B., Mezrioui K., Ben Amara H., Romanazzi G. 2022. Essential oils for protection of vegetable crops by seedborne pathogens. PRIMO ANNUNCIO Summer day sugli oli essenziali dalla difesa della pianta alle applicazioni mediche 8 settembre 2022.

- Álvarez-García, S., **Moumni, M**. and Romanazzi, G. 2023. Antifungal activity of essential oil

volatiles against *Botrytis cinerea* and *Monilinia* spp. VII Congresso Nazionale SIROE.

- Romanazzi, G., Piancatelli S., Potentini R., D'Ignazi G., **Moumni M**. 2023. Chitosan treatment to manage grapevine downy mildew. GiESCO (Group of International Experts for Cooperation on Vitivinicultural Systems) meeting at Cornell University in Ithaca, N.Y., July 17-20, 2023.

- **Moumni, M**., Murolo, S., Landi, L., Allagui, M. Romanazzi, G. 2023. Identification, detection and management of seedborne squash pathogens. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Piancatelli, S., **Moumni, M**., Perez Alvarez, E., Davillerd, Y., Cantalamssa, G., Tenti, L., Benedetti, A., Nardi, S., Romanazzi, G. 2023. Use of natural compounds with low environmental impact for the protection of seed-bearing onion against fungal diseases. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- **Moumni, M**., Piancatelli, S., Perez Alvarez, E., Davillerd, Y., Cantalamssa, G., Morbidelli, M., Napoleoni, D., Fabbri, G., Nardi, S., Romanazzi, G. 2023. Effectiveness of natural compounds and low risk active ingredients for the control of fungal diseases on seed-bearing cabbage. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Álvarez-García, S., **Moumni, M**. and Romanazzi, G. 2023. Inhibitory activity of commercial essential oils in volatile phase against Botrytis cinerea and Monilinia laxa. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Romanazzi, G. Orzali, L., Sanzani, S.M., Horn, N., Matyjaszczyk, E., Golding, J., Roberto, S. R., Mattiuz, B.-H., Xu, D., Guo, X., Tzortzakis, N., Ruiz, Y.Y.P., Pavela, R., Karaffa, E. M., Khamis, Y., Hosseinifarahi, M., Ippolito, A., Di Francesco, A., Germinara, G. S., Toffolatti, S., Sannino, F., Chaves-Lopez, C., Mezzalama, M., Mori, N., Bautista-Banos, S., Gutierrez Martinez, P., Gonzalez-Candelas, L., Garde-Cerdan, T., Kowalska, J., Allagui, M. B., Kinay Teksur, P., **Moumni, M**., Marchand, P., Giovani, B., 2021. Basic substances as an environmentally friendly alternative to synthetic pesticides for plant protection: the experience of euphresco basics project. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Romanazzi, G. and **Moumni, M**. 2023. Chitosan and other edible coatings to extend shelf life, manage postharvest decay, and reduce loss and waste of fresh fruits and vegetables. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Romanazzi, G., Piancatelli S., Potentini, R., D'Ignazi G., **Moumni M**. Applications of chitosan alone, alternated or combined with copper for grapevine downy mildew management in large scale trials. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Makau, S, Tunc, M., Moumni M, Landi, L., Romanazzi, G. 2023. In vitro antimicrobial activity of chitosan hydrochloride and cos (chito-oligosaccharides)-oga (oligo-galacturonides) on field and postharvest fungal pathogens. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Romanazzi. G., Tzortzakis, N., Ippolito, A., Allagui, M., Spadaro, D., Kinay Teksur, P., Pérezgago, M., Kilic, M., Montesinos, C., Xylia, P., Mincuzzi, A., Garello, M., Remolif, G., Palou L., D'ortenzio A., Landi L., **Moumni M**. 2023. Innovative sustainable technologies to extend the shelf life of perishable mediterranean fresh fruit, vegetables, and aromatic plants and to reduce waste: the experience of prima stopmedwaste project. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Orzali, L., Allagui, M.B., Lopez, C., Mezzalama, M., **Moumni, M**., Hernandez, M., Romanazzi, G. 2023. Use of basic substances and potential basic substances for the management of seedborne pathogens. 12th International Congress of Plant Pathology, August 20-25, in Lyon.

- Romanazzi, G., Piancatelli S., **Moumni M**. 2023. Chitosan application to induced resistance for an innovative and sustainable management of grapevine downy mildew. Conference of the IOBC/WPRS Working Group "Integrated Protection in Viticulture", October 3 – 5, in Logroño, Spain.

**Acknowledgments on published paper**

- Romanazzi, G., Mancini, V., Foglia, R., Marcolini, D., Kavari, M., Piancatelli, S. 2021. Use of chitosan

and other natural compounds alone or in different strategies with copper hydroxide for control of grapevine downy mildew. Plant Disease, 105(10), 3261-3268. https://doi.org/10.1094/PDIS-06-20-1268-RE

- Prusky, D., Romanazzi, G. 2023. Induced Resistance in Fruit and Vegetables: A Host Physiological Response Limiting Postharvest Disease Development. Annual Review of Phytopathology, 61. https://doi.org/10.1146/annurev-phyto-021722-035135
- Loulou, A., Chihani Hammas, N., Kallel, S. 2023. Axenic mass culture of soil-borne nematodes using artificial egg yolk medium. Biocontrol Science and Technology, 1-15. https://doi.org/10.1080/09583157.2023.2217532
- Labiadh, M., Mhamdi, B., Loulou, A., Sadreddine, K. 2023. Impact of rhizobacteria community of citrus root on *Tylenchulus semipenetrans* and on Citrus plant growth. Biocontrol Science and Technology, 33(3), 241-257. https://doi.org/10.1080/09583157.2023.2175785

**Reviewer and Associate Editor**

- **Reviewer**: 14 papers for the following MDPI journals in 2023, 4 in Australasian plant pathology, 2 in European journal of plant pathology, 2 in plant disease, 1 in Journal of plant pathology, 4 in Food biscience, 1 Frontiers in Sustainable Food Systems Nutrition and Sustainable Diets, 2 in Frontiers in Microbiology Food Microbiology, 1 in Italian Journal of Mycology
- **Acknowledgment** as Reviewer of Horticulturae in 2022
- **Associate Editor** in in Postharvest Physiology, Management and Technology
- **Request for thesis revision** in 2020 and 2021 from Associazione italiana per la protezione delle piante (AIPP) for '*Premio Vercesi'*

**Membership**

- Membership in Italian Phytopathological Society (**SIPaV)**.
- Membership in American Phytopathological Society (**APS**)
- **Membership and secretary** of International Society for Plant Pathology (**ISPP**) seed Pathology Committee (https://www.isppweb.org/smc_18.asp)
- Membership in Associazione italiana per la protezione delle piante (**AIPP**)
- Membership Seed Microbiome Working Group
- Membership in ARPTRA Associazione

**Participation in Congress with oral presentation and poster**

- **2015**: Premier Symposium National sur la protection intégrée des plantes (SYNPIP-2015). Poster '' Identification de quelques espèces de Fusarium transmises par des semences de melon (*Cucumis melo* L.)" and oral communication ''Identification de *Rhizoctonia solani* sur des plantules de melon et pastèque en culture sous serre"
- **2015**: Seminar for Student of Agriculture university, UNIVPM oral communication "Detection of squash seedborne pathogens"
- **2017**: Participation in workshop "Innovation in postharvest management of fruit and vegetables" with oral presentation '' http://www.postharvest.biz/en/news/workshop-of-innovation-in-postharvest-management-of-fruit-and-vegetables-in-ancona-italy/_id:80090/".
- **2018**: ICPP congress with poster "Detection of squash seedborne pathogens"
- **2018**: Participation in XXIV National Congress Italian Phytopathological Society (SIPaV) with two Posters and one oral presentation.
- **2018**: Participation in Corso sui Brevetti
- **2018**: Participation in SIROE congress V.
- **2018**: Seminar for Student of Agriculture university, UNIVPM oral communication "Detection and control of squash seedborne pathogens"
- **2019**: Participation in Congress: L'identification des champignons des semences des céréales et de légumineuses et sur les mycotoxines
- **2020**: Participation in Virtual Meeting SIROE: Oli essenziali nella protezione delle piante in campo e in postraccolta
- **2021**: Participation in 'Ciclo di seminari nell'ambito del progetto POT: Sistema di supporto Integrato agli Studenti di Agraria' with two oral presentation "Strategies to reduce food loss and waste within StopMedWaste project" and "Detection and biological control of seedborne pathogens in squash"
- **2022**: Participation in VI International Symposium on Postharvest Pathology, Limassol, Cyprus, 29 May - 3 June 2022, with oral presentation "Effects of ozone treatment on postharvest

decay of peach fruits in cold storage".

- **2022**: Participation in Giornate Fitopatologiche: Protezione delle piante, qualità, ambientale.
- **2022**: Participation in Forum di Medicina Vegetale
- **2022**: Participation on SIROE Summer, oral communication
- **2023**: Participation on Seminar in Protugal: New advances from PRIMA projects for improving Mediterranean Agro-Food value chains, oral communication
- **2023**: Participation in Seminar in Tunisia with oral communication: Use of chitosan, essential oils, other natural compounds and ozone for the management of postharvest decay of fresh peaches
- **2023**: VII Congresso Nazionale SIROE, oral communication
- **2023**: International Congress of Plant Pathology, ICPP 2023 Lyon France, oral communication
- **2023**: Seminar of AIPP: International Congress of Plant Pathology (ICPP2023) - un webinar dell'AIPP riassume alcuni dei più importanti temi trattati, di interesse per l'Italia, oral communication.

## Participation in international project

- **Euphresco project**: **Basic substances as an environmentally friendly alternative to synthetic pesticides for plant protection (BasicS) (2021-2023)**
  Participation in writing the proposal. Participation to organize kick-off of the project, webinars, and meetings. I participate in certain Work Package (WP) of the project. I have a role in disseminating the project on social networks (e.g. Facebook, Twitter, Instagram, LinkedIn)
- **Euphresco project**: **Infrastructure for Sharing Infested Seed lots for test development and validation (Shareseeds) (2022-2024)**
  Participation to meetings of the project. The coordinator and the partners of the project select me as **Leader of two WP**: WP 2 "Evaluation of the needs and priorities" and WP3 "Definition of actors"
- **PRIMA project**: **Innovative Sustainable technologies TO extend the shelf-life of Perishable MEDiterranean fresh fruit, vegetables and aromatic plants and to reduce WASTE (StopMedWaste) (2020-2024)**
  Participation in writing the proposal. Participation to organize kick-off of the project, webinars, and meetings. I participate in certain Work Package (WP) of the project. Preparation of the Minutes after each meeting. Preparation of some deliverables report. I have a role in disseminating the project on social networks (e.g. Facebook, Twitter, Instagram, LinkedIn, website)
- **COST project**: **Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation (FoodWaStop) CA22134**
  Participation in writing the proposal. Participation to organize kick-off of the project, webinars, and meetings. I am proposed and approved from the Management Committee as a secretary that will be responsible for administrative aspects of the Action. I am co-leader for the WG6 "Networking and dissemination, communication and transfer of knowledge". I am membership in other four WG of the project.
- **Project Italy-China**: **Biosynthesis regulation of metabolic markers and correlation with quality safety during fruit decay**
- **Croatia project:** Natural bioactive compounds as a source of potential antimicrobial agents in the control of bacterial and other fungal pathogens of olives (Anti-Mikrobi-OL) **UIP-2020-02-7413**

I participate as a collaborator on the Research project (http://antimikrobiol.iptpo.hr/medunarodna-istrazivacka-grupa/)

## RESPONSIBILITY DECLARATION

**Privacy:**
Autorizzo il trattamento dei miei dati personali ai sensi dell'art. 13 Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR (Regolamento UE 2016/679) ai fini della pubblicazione sul web.

**Self declaration**
Avvalendomi della facoltà concessa dall'art. 46 D.P.R. 445/2000, consapevole delle responsabilità e delle pene stabilite dalla legge per false attestazioni e mendaci dichiarazioni, sotto la mia personale responsabilità dichiaro che i dati inseriti nel presente CV sono veritieri.