



## Curriculum Vitae

**Family name:** Conti  
**Given name:** Simona  
**Date of birth:** 24/03/1993  
**Citizenship:** Italian  
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**Qualifications** 2021: Qualification to practice as Agronomist and Forestry Doctor, University of Palermo;  
2018-2021: Master's Degree in Firm and Quality for the Agricultural and Food System (class LM-69), University of Palermo;  
2013-2018: Bachelor's degree in Agricultural Engineering (class L-25), University of Palermo.

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**Location** Department of Agricultural, Food, and Forest Sciences (SAAF), Viale delle Scienze, Building 5, Entrance B, Room 110

### Studies abroad

**Research interests** Chemical ecology; Behavioural ecology; Integrated pest management; Plant-insect-microbe interactions.

**Expertise** Applied research on trophic interactions, insect ecology and biological pest control. Evaluation of microbial consortia and natural compounds as seed treatment for the control of fungal pathogens in different plants. Isolation of fungi and bacteria from plant tissue. DNA extraction from fungi and bacteria.

**Language skills** English

**IT skills** Microsoft Office (Word, Excel, Power Point)

**Awards and scholarships** 2023-2024: Post-Graduate Scholarship: "Effects of the beneficial microorganisms on direct and indirect plant defenses induced by stink bugs".  
2022-2023: Post-Graduate Scholarship: "Study of microbial consortia and natural substances for the control of seed-borne diseases".

**Publications** **Conti S.**, Verde F., Bova N., Lamendola M., Torta L., Bella P. 2023. *In vitro activity of a bio stimulant formulation against oomycete and fungal pathogens of grapevine* XXVIII Convegno Nazionale della Società Italiana di Patologia Vegetale (SIPaV), Napoli, 18/20-09-2023. Journal of Plant Pathology 105: 1255  
<https://doi.org/10.1007/s42161-023-01500-3>.

Bova N., **Conti S.**, Miceli A, Moncada A., Vetrano F., Infurna G.M., Nigro S., Lefebvre du Prey V., V. Catara, P. Bella. 2023. *Selection of beneficial bacteria with potential application as seed treatment agents for eco-friendly approach in sustainable agriculture*. XXVIII Convegno Nazionale della Società Italiana di Patologia Vegetale (SIPaV), Napoli, 18/20- 09-2023. Journal of Plant Pathology 105:1247



<https://doi.org/10.1007/s42161-023-01500-3>.

Bova N., **Conti S.**, Miceli A., Moncada A., Vetrano F., Bertacca S., Caruso A.G., Panno S., Davino S., Mirabile G., Torta L., Catara V., Bella P., 2022. *Exploiting the seed associated endophytes in Brassica oleracea genotypes as a potential source for plant growth promoting bacteria and biological control agents*. XXVII Convegno Nazionale della Società Italiana di Patologia Vegetale (SIPaV), Palermo, 21/23-09-2022. Journal of Plant Pathology 104:1216.

<https://doi.org/10.1007/s42161-022-01234-8>.

Bova N., **Conti S.**, Infurna G. M., Nigro S., Rizzo G.F., Branca F., Bella P., 2022. *In vitro exploitation of bioactivity of brassica extract on the growth of plant bacteria and fungi*. XXVII Convegno Nazionale della Società Italiana di Patologia Vegetale (SIPaV), Palermo, 21/23-09- 2022. Journal of Plant Pathology 104:1216.

<https://doi.org/10.1007/s42161-022-01234-8>.

Emmanuelo E., Bova N., Rizzo G.F., **Conti S.**, Nigro S., Lefebvre du Prey V., Bella P., Branca F., Catara V., 2022. *Evaluation of alternative seeds treatments for the management of seed- borne diseases*. XXVII Convegno Nazionale della Società Italiana di Patologia Vegetale (SIPaV), Palermo, 21/23-09-2022. Journal of Plant Pathology 104:1234.

<https://doi.org/10.1007/s42161-022-01234-8>.

Link to publications  
(IRIS data-base)

<https://iris.unipa.it/cris/rp/rp115573>