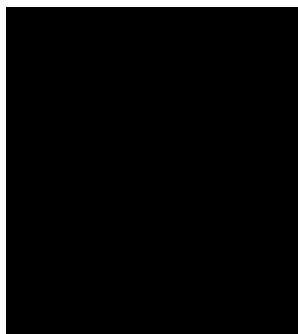


## PERSONAL INFORMATION

Alberto Alma



University of Torino  
Department of Agricultural, Forest and Food Sciences (DISAFA)  
Largo P. Braccini 2 10095 Grugliasco Italy

Phone: [Redacted]

Email: [Redacted]

<https://en.disafa.unito.it/do/docenti.pl/Show?id=aalma#tab-profilo>

ORCID: [orcid.org/0000-0003-4829-4178](https://orcid.org/0000-0003-4829-4178)

Sex Male | [Redacted] Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## RECENT WORK EXPERIENCE

- 2005-present **Full Professor**  
DISAFA, University of Torino (IT)  
• Research Sector (SSD) AGR/11, General and Applied Entomology
- 2008-2015 **President of the Integrated Degree Course in Agricultural Science and Technology**
- 2012-2018 **Head of the School of Agriculture and Veterinary Medicine (SAMEV)**
- 2009-2012 **Head of Department of Valorization and Protection of Agro-forestry Resources (DIVAPRA)**
- 2001-2004 **Associate Professor**  
DIVAPRA, University of Torino (IT)  
• Research Sector (SSD) AGR/11, General and Applied Entomology

## EDUCATION AND TRAINING

- Replace with dates (from - to) **Msc Degree in Agricultural Science**  
Università degli Studi di Torino, Facoltà di Agraria  
• Dissertation title: "Indagini biologiche ed etologiche su *Myzus varians* Davidson nuovo afide del pesco" (Bio-etological studies on *Myzus varians* Davidson, a new aphid pest for peach tree)

## WORK ACTIVITIES

- Awards** VI Italian Congress on Chestnut (Castanea), Viterbo, Italy, 22-25<sup>th</sup> September 2014, Special Honor for the research efforts and the contribution to the improvement of Italian chestnut cultivation
- Editorial activity** Member of the Editorial Board of the international journals Entomological Research and Insects

## PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s) English B2

Job-related skills **Research interests**

Study on natural enemies of harmful phytophagous insects; biology of exotic insects introduced into

Italy with planning and implementation of biological control programmes; biological control against plant-sucking insects; IPM applications in field crops, vineyards and orchards; systematic, biology, epidemiology, ethology, chorology and population dynamics of Auchenorrhyncha; research on Auchenorrhyncha and Sternorrhyncha vectors of prokaryotes producing diseases in grapevine, ornamental and vegetable and orchards; studies on insect-symbiont interactions and symbiotic control.

## ADDITIONAL INFORMATION

### Publications

total number of publications in peer-review journals: 169

total Impact Factor (IF-WOS) (average IF/paper): 2

total number of citations: 4456

H index: 38

#### Selected recent publications

- Lessio F, Pisa CG, Picciau L, Ciampitti M, Cavagna B, Alma A, 2022. An immunomarking method to investigate the flight distance of the Japanese beetle. *Entomol. Gen.* DOI: 10.1127/entomologia/2021/1117
- Lessio F, Alma A, 2021. Models applied to grapevine pests: a review. *Insects* 12, article 169
- Bocca F, Picciau L, Alma A, 2020. New insights on *Scaphoideus titanus* biology and their implications for integrated pest management. *Entomol. Gen.* 40, 337–349.
- Gonella E, Orrù B, Marasco R, Daffonchio D, Alma A, 2020. Disruption of host-symbiont associations for the symbiotic control and management of pentatomid agricultural pests—A review. *Front. Microbiol.* 11, 547031
- Gonella E, Orrù B, Alma A, 2019. Egg masses treatment with micronutrient fertilizers has a suppressive effect on newly-emerged nymphs of the brown marmorated stink bug *Halyomorpha halys*. *Entomol. Gen.* 3-4, 231-238
- Alma A, Lessio F, Gonella E, Picciau L, Mandrioli M, Tota F, 2018. New insights in phytoplasma-vector interaction: acquisition and inoculation of Flavescence dorée phytoplasma by *Scaphoideus titanus* in a short window of time. *Ann. Appl. Biol.* 173, 55-62.
- Ferracini C, Ferrari E, Pontini M, Saladini M, Alma A, 2019. Effectiveness of *Torymus sinensis*: a successful long-term control of the Asian chestnut gall wasp in Italy. *J. Pest Sci.* 92, 353-359
- Gonella E, Crotti E, Mandrioli M, Daffonchio D, Alma A, 2018. *Asaia* symbionts interfere with infection by Flavescence dorée phytoplasma in leafhoppers. *J. Pest Sci.* 91, 1033–1046
- Ferracini C, Ferrari E, Pontini M, Hernandez Nova LK, Saladini M, Alma A, 2017. Post-release evaluation of non-target effects of *Torymus sinensis*, the biological control agent of *Dryocosmus kuriphilus* in Italy. *Biocontrol* 62, 445-446.
- Mazzetto F, Gonella E, Crotti E., Vacchini V, Syrpas M, Pontini M, Mangelinckx S, Daffonchio D, Alma A, 2016. Olfactory attraction of *Drosophila suzukii* by symbiotic acetic acid bacteria. *J. Pest Sci.* 89, 783–792

### Projects

Leader of INTERREG II and III, Italy-France on “Environmental impact of exotic insects and their biocontrol”). PI of the PRIN project 2007, “The Symbiotic Control, a new strategy against insect vectors of phytoplasmas harmful to grapevine” and the PRIN project 2009 “Insect-symbiont interactions: new perspectives for the control of plant, animal and human pathogens”. Scientific Responsible for the Italian projects LOBIOCIN and BIOINFOCAST funded by the Ministry of Agricultural, Food and Forestry Policies (MIPAAF), for the biological control of the Asian chestnut gall wasp by using the parasitoid *Torymus sinensis*. Participant of COST Actions: FA0701 “Arthropod Symbiosis: From Fundamental Studies to Pest and Disease Management” and FA0807 “Integrated Management of Phytoplasma Epidemics in Different Crop Systems”. Scientific Responsible for several competitive projects funded by public and private bodies; recently funded projects include the projects “Prevention and control of emerging plant pests and pathogens in Lombardy: *Popillia japonica* and *Xylella fastidiosa* (PRECONFITOLOMB)”, funded by Regione Lombardia; “VITE 4.0. New eco-friendly pest management strategies in viticulture”, funded by Fondazione Cassa di Risparmio di Cuneo; and “Il controllo Simbiotico, un'Efficace strategia per la gestione della Cimice Asiatica *Halyomorpha halys* (SENECA)”, funded by Regione Lombardia.

### Other Relevant Information

Member of the Academic Board of the PhD Course in Agricultural, Forest and Food Science (SAFA). Member of the Board of Directors of the The Scuola di Studi Superiori “Ferdinando Rossi” UNITO. Coordinator of the Section of Agricultural Entomology in the Italian Entomological Society. Coordinator of the Italian National Group “Phytoplasmas and phytoplasma-borne diseases” of the Italian Phytopathological Society (SIPaV).