

SHORT CURRICULUM VITAE ANGELA BOARI



PERSONAL INFORMATION

Surname, Name	BOARI, ANGELA
Address	CNR ISPA, VIA GIOVANNI AMENDOLA – 70126, BARI, ITALY
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ORCID /SCOPUS	0000-0003-1444-019X
Nationality	Italiana
Date and Place of birth	21/04/1964, Ancona, Italy

WORK EXPERIENCE

Period (from – to)	2001 – PRESENT
Name and address of employer	CNR-Institute of Sciences of Food Production
Type of business or sector	Public Research Institution
Occupation or position held	Researcher
Main activities or responsibilities	Research activities
Personal registration number	9296

EDUCATION AND TRAINING

Period (from – to)	1997
Name and type of organization providing education	University of Bari, Faculty of Agriculture, Dpt. Of Plant Protection.
Principal subjects / skills covered	Production of monoclonal antibodies, diagnostic essay.
Title of qualification awarded	Ph.D. in Plant Protection (9 th cycle), University of Bari.
Period (from – to)	1991
Name and type of organization providing education	University of Bari, Faculty of Agriculture.
Title of qualification awarded	Degree in Agricultural Sciences at the University of Bari, Department of Plant Protection.

NATIVE LANGUAGE **Italian**

OTHER LANGUAGES

	ENGLISH
Reading	good
Writing	good
Talking	good

TRAINING

(main)

19 - 23 October 2015	Olomouc, Czech Republic. Training Course on SLs Biological effects phenotyping.
October 2009	Monthly stage in Bozeman at the Department of Plant Sciences and Plant Pathology, University of Montana. Project research on "Evaluation and use of natural mutants of <i>Fusarium oxysporum</i> for the biological control of parasitic weeds".

Research Activities

(main)

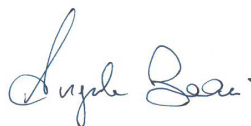
- 2013 - 2019 Project Life Alta Murgia - Life12 BIO/IT/000213: Control and eradication of the invasive exotic plant species *Ailanthus altissima* in the Alta Murgia National Park (participant).
- 2013 - 2017 COST action FA 1206 "Strigolactones: biological roles and applications" (STREAM) (participant).
- 2010 - 2011 National project (Ecovia): "Optimization and pre-industrial development of natural herbicide of microbial origin" (participant).
- 2010 - 2011 CNR/JSPS Japan, bilateral program. Title: "Role of strigolactones and their metabolites on the interactions among crop plants, root parasitic weeds, and soil microbial community (participant).
- 2004-2006 European project "Enhancement and Exploitation of Soil Biocontrol Agents for Bio-Constraints Management in Crops" (FOOD-CT-2003-001687) (participant).
- 2002-2004 COST action 849 "Parasitic Plant Management in sustainable agriculture" (participant).
- 2000-2004 National project "Useful Micro-organisms and related metabolites for biological control in plant protection", funded by MURST (participant).

Publications

- 28 articles in International Scientific Journals (ISI)
- 3 Chapters in books
- 8 Articles in National or not ISI Scientific Journals (ISI)
- 41 abstracts in international or national congresses

Date 1/04/2020

Signature



Selected publications of the last 5 years

1. ANDOLFI A., BOARI A., EVIDENTE M., CIMMINO A., VURRO M., ASH G., EVIDENTE A., 2015. Gulypyrone A and B and Phomentrioloxins B and C produced by *Diaporthe gulyae*, a potential mycoherbicide for Saffron thistle (*Carthamus lanatus*). *J.Nat.Prod.*, 78, 623-629, DOI: 10.1021/np500570h.
2. CIMMINO A., MATHIEU V., MASI M., BARONCELLI R., BOARI A., PESCIPELLI G., FERDERIN M., LISY R., EVIDENTE M., TUZI A., ZONNO M.C., KORNIENKO A., KISS R., EVIDENTE A., 2015. Higginsianins A and B, two diterpenoid α -pyrones produced by *Colletotrichum higginsianum*, with in vitro cytostatic activity. *J.Nat.Prod.*, 79, 116-125, DOI: 10.1021/acs.jnatprod.5b00779.
3. BOARI A., CIASCA B., PINEDA-MARTOS R., LATTANZIO V.M.T., YONEYAMA K., VURRO M., 2016. Parasitic weed management by using strigolactones-degrading fungi. *Pest Manag. Sci.*72, 2043–2047, DOI: 10.1002/ps.4226.
4. FERNANDEZ-APARICIO M., BERNARD A., FALCHETTO L., MARGET P., CHAUVEL B., STEINBERG C., MORRIS C.E., GIBOT-LECLERC S., BOARI A., VURRO M., BOHAN D.A., SANDS D.C., REBOUD X. 2017. Investigation of amino acids as herbicides for control of orobanche minor parasitism in red clover, *Frontiers in plant science*, (8), 1-12, DOI: 10.3389/fpls.2017.00842.
5. MASI M., CIMMINO A., BOARI A., TUZI A., ZONNO M.C., BARONCELLI R., VURRO M., EVIDENTE A., 2017. Colletochlorins E and F, New Phytotoxic Tetrasubstituted Pyran-2-one and Dihydrobenzofuran, Isolated from *Colletotrichum higginsianum* with Potential Herbicidal Activity. *J. Agric. Food Chem.*, 65 (6), 1124–1130, DOI: 10.1021/acs.jafc.6b05193.
6. VURRO M., BOARI A., CASELLA F., ZONNO M.C., 2018. Fungal Phytotoxins in Sustainable Weed Management. *Current medicinal chemistry*, (25/2), 268-286, DOI: 10.2174/0929867324666170426152331.
7. MASI M., ZONNO M.C., CIMMINO A., REVEGLIA P., BERESTETSKIY A., BOARI A., VURRO M., EVIDENTE A., 2018. On the metabolites produced by *Colletotrichum gloeosporioides* a fungus proposed for the *Ambrosia artemisiifolia* biocontrol; spectroscopic data and absolute configuration assignment of colletochlorin A. *Natural product research*, 32 (13), 1537-1547, DOI: 10.1080/14786419.2017.1385020.
8. MOEINI S.A, MASI M; ZONNO M.C., BOARI A., CIMMINO A., TARALLO O., VURRO M., EVIDENTE A., 2019. Encapsulation of inuloxin A, a plant germacrane sesquiterpene with potential herbicidal activity, in β -cyclodextrins. *Organic & Biomolecular Chemistry*, 2508-2515, DOI: 10.1039/C8OB03156H.
9. MASI M., FERNANDEZ-APARICIO M., ZATOUT R., BOARI A., CIMMINO A., EVIDENTE A., 2019. Iuloxine E, a new seco-eudesmanolide isolated from *Dittrichia viscosa*, stimulating *Orobanche cumana* seed germination. *Molecules*, 24 (19), 3479, DOI: 10.3390/molecules24193479.
10. FAIZA G., ZERMANE N., QUASSILA K.H., ABDERRAHMANE S., CIMMINO A., BOARI A., EVIDENTE A., 2019. Bioefficacy of compounds from *Dittrichia viscosa* (Asteraceae) as protectant of chickpea seeds against the cowpea seed beetle *Callosobruchus maculatus* (Coleoptera: Chrysomelidae). *Journal of Plant Diseases and Protection*, 126, 437-446, DOI: 10.1007/s41348-019-00240-w.