

dr. Bari Giuseppe Ph.D.: Curriculum vitae et studiorum

Nationality: Italian

En-

Occupation:

Technical assistant from 1995 at the Dipartimento di Biologia e Chimica Agro – Forestale ed Ambientale sezione di Entomologia e Zoologia, Università di Bari;

Education:

1983 – Farm advisor at the Agrarian Institute, Locorotondo (Bari), Italy,
2001 - Graduate in Agricultural Science at the Agricultural Faculty, University of Bari,
2005 – Ph. D. in Agricultural Chemistry at the Dipartimento di Biologia e Chimica Agro-Forestale e Ambientale (Di.B.C.A.), University of Bari.

Other activities of educational interest and collaboration in research projects:

Fellowship in Entomology from April 1988 to March 1989 and from November 1989 to October 1990;

Collaboration in the CNR project: "Integrated Struggle against the animal enemies of the plants" - coordinator Prof. Teodoro Moleas (1989-1990);

Collaboration in the POP-Puglia FEOGA-mis. 4.3.1.: "Methods of integrated protection for *Phyllocnistis citrella* S. in Citrus orchard - coordinator Prof. Giorgio Nuzzaci (1994-1999);

Collaboration in the POP-Puglia FEOGA-mis. 4.3.1.: "Methods of integrated protection for *Capnodis tenebrionis* L., Black Buprestid of the Rosaceae, on Drupaceae - coordinator Prof. Enrico de Lillo (1994-1999);

Since 1996, involved in the preservation and arrangement of the Entomological collection at the museum of the Di.B.C.A. sezione di Entomologia e Zoologia;

Collaboration with the Apulian Phytosanitary Service and the Extension Services of the province in Bari for the "Improvement of the olive-oil quality." (1998-2000);

Collaboration in the INTERREG II, program Italy-Albania Asse 6-sottomisura 6.2c [Introduction of technological innovations in the productive trials], performing sampling and studies of the main insects of the Albanian crops (co-author in the volumes on the protection of: Citrus fruit, Drupaceae, Crucifere, Solanaceae, Cucurbitaceae, Olive groves, Table grape) - coordinator Prof. G. Nuzzaci (2000-2001);

Collaboration in the project: "Impact of the populations of *Bactrocera oleae* Gmel. (mosca delle olive), *Saissetia oleae* Oliv. and *Zeuzera pyrina* L. (*Zeuzera*) on the quality of the olive-oil" (d.g.r.n° 3261 of 28/07/1998) – coordinator Prof. G. Nuzzaci (2001-2002);

Visiting researcher at the Zoological Institute, Department of Animal Physiology, Wroclaw University (Polland), from 1th October to 31th October 2002 in a project regarding morphological variability of the earthworm coelomocytes;

Collaboration in the Regional Project on Qualitative amelioration of the production of olive-oil - productive cycle 2002-2003 financed with the contribution of community European Reg. (C.E.) 12407/01 and Reg. (C.E.) 528/99 productive cycle 2002-2003 and 2003-2004 (2002-2004);

Training in human resources (2006): F.I.O.R.I. PROJECT N.5237 / 17 (Organizational Intervention Training for Research and Innovation) – “Strengthening the skills and competencies of staff by acting in an innovative way of organization, processes, people and technology” - CRUI Foundation - University of Bari Aldo Moro;

Visiting researcher at the Dept. of Comparative Animal Physiology and General Zoology, Faculty of Science of Brno and at the Institute of Entomology, Czech Academy of Sciences, Ceske Budejovice (Czech Republic), 15 june – 1 july 2006;

Visiting researcher at the School of Environmental Sciences of North-West University, Potchefstroom (South Africa), 19 – 28 ottobre 2006;

Visiting researcher at the Dept. of Comparative Animal Physiology and General Zoology, Faculty of Science of Brno and at the Institute of Entomology, Czech Academy of Sciences, Ceske Budejovice (Czech Republic), 02 - 16 dicembre 2006;

Technical Manager of the Entomological Castellani Collection in Museum of Entomology – Bari and contact person for the Entomology Section for access to Q-collect.eu;

Collaboration in TEMPUS-IV 2009 project – IPM assigned at the University of Bari;

Collaboration with Assoc. Prof. RNDr. Pavel Hyršl, Ph.D., (Department of Animal Physiology and Immunology Faculty of Science, Masaryk University, Brno, Czech Republic) in Biomarkers application on invertebrate immunological system (in Institute of Experimental Biology);

Collaboration with Prof. Zvi Mendel Department of Entomology, Agricultural Research Organization, Bet Dagan, Israel;

Collaboration in MANAGCAP – call for ARIMNET 2011: “Novel management strategies for *Capnodis tenebrionis* by identifying new semiochemical tools and determining the effects of temperature and diet on pest reproductive behavior and development”;

Collaboration in PONTE - call H2020: “Native and alien pests in agriculture and forestry Pest Organisms Threatening Europe”;

Collaboration in INSER – call for PRIN 2015: “Production, processing and consumption of INsects as food and feed: definition of Standards and Evaluation of Risks”;

Collaboration in PROTEIN - call for Cariplo Foundation 2016: “PROduction, processing and consumption of Tenebrio molitor: development of a sustainable INsect value chain and evaluation of related risks”.

Reviewer for Water, Air, & Soil Pollution;

Reviewer for National Research Foundation (NRF) projects of South-Africa.

Teaching activities: 2012-2014 lectures at the Department of Chemistry – University Aldo Moro Bari, as part of the Interuniversity Master's Degree "The Reach and CLP Regulations".

Activity research has concerned aspects of Zoology, Entomology and Acarology;

Biology, behaviour, biological and chemical control of *Zeuzera pyrina* L. (Lepidoptera, Cossidae);

Biology and behaviour of *Viteus vitifolii* (Fitch) (Rhynchota, Phylloxeridae);

Population dynamic of Eriophyoidea on organic and integrated grapevines;

Biology and behaviour of *Capnodis tenebrionis* (L.) (Coleoptera: Buprestidae);

Biology, behavior, morphological variability of earthworm coelomocytes;

Bob

Earthworms rearing for ecotoxicological applications;

Ecotoxicological application on polluted soil, by biomarkers applied on *Eisenia Andrei* (Anellida: Lumbricidae).

Scientific activity is documented from more than 30 contributions in national and international journals and presentations in congresses and symposia.

Papers and Meeting Presentation (last 5 PAPERS):

- 1) Hyršl P., Dobeš P., Vojtek L., Vernile P., Bari G., Terzano R., Spagnuolo M., de Lillo E., 2016. Rank-based biomarker index to assess cadmium ecotoxicity on the earthworm *Eisenia andrei*. Chemosphere: ISBN/DOI/ISSN: ISSN: 0045-6535;
- 2) Abukreba T., Bari G., Panzarino O., Valenzano D., De Mastro G., De Lillo E., 2015. Preliminary bioassay of biological effects of oil from Oregano and Cloves on *Callosobruchus maculatus* - Master course "Biotechnology for medicinal and aromatic plants – Biotecmap: ISBN/DOI/ISSN: ISBN 978-88-88758-85-5: 38-39;
- 3) Vernile P., Tutino M., Bari G., Amodio M., Spagnuolo M., de Gennaro G.L., de Lillo E., 2013. Particulate matter toxicity evaluation using bioindicators and comet assay. Aerosol and Air Quality Research: ISBN/DOI/ISSN: ISSN 1680-8584;
- 4) Panzarino O., Dobeš P., Vojtek L., Vostal K., Bari G., de Lillo E., Hyršl P., 2012. Wax moth (*Galleria mellonella*) as a bio-indicator model in ecotoxicological studies on cadmium. Conference proceedings ZOOLOGICKÉ DNY, Olomouc: ISBN/DOI/ISSN: ISBN 978-80-87189-11-5;
- 5) Bari G., Vernile P., Panzarino O., de Lillo E., 2012 - L'efficacia di Oberon contro il ragnetto rosso su cetriolo. Informatore Fitopatologico: ISBN/DOI/ISSN: ISSN: 0040-3776.

Authorization for personal data L. 675/96 and D.L. 196/2003.

Dr Bari Giuseppe

