

Short CV

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Education

2002: B.Sc in Plant Protection, Aristotle University of Thessaloniki

2005: M.Sc in Agricultural Entomology, Aristotle University of Thessaloniki

2014: Ph.D in Agricultural Entomology, Aristotle University of Thessaloniki

Participation in Research Projects

1. "Biodemographic characteristics of insects' life span"
Grant Agency: University of California (Davis)
Duration: 01/01 - 31/12/2004, 01/02 - 31/08/2007, 01/01 - 30/06/2008, 01/06 - 31/08/2011 and 13/05 - 31/08/2013
2. "Application of plant chemical compounds for the enhancement of mating competitiveness of medfly males"
Grant Agency: FAO/IAEA
Duration: 01/01 - 30/06/2005, 01/09 - 31/12/2007 and 17/07 - 31/12/2008.
3. "Demography, genetics and balance of energetic reserves in highland and lowland populations of the Cherry fruit fly *Rhagoletis cerasi* (Diptera: Tephritidae)"
Grant Agency: EU-Greece
Duration: 01/02 - 30/10/2005
4. "Evaluation of attractiveness and toxicity of novel insecticide formulations against *Ceratitis capitata*"
Grant Agency: Dow AgroSciences

Duration: 01/02 - 28/02/2013

5. "Integrated Surveillance and control programme for West Nile Virus and malaria in Greece and risk assessment tool"

Grant Agency: EU-Greece (NSRF 2007-2013)

Duration: 01/05 - 31/12/2013

Main Research Interests

- Chemical ecology of the ovipositional and sexual behaviour of tephritid fruit flies
- Monitoring and management of agricultural and sanitarian (mainly mosquitoes) pests
- Biodemography of wild insects' populations

List of publications

1. Ioannou, C.S., N.T. Papadopoulos, N.A. Kouloussis, C.I. Tananaki & B.I. Katsoyannos (2012). Essential oils of citrus fruit stimulate oviposition in the Mediterranean fruit fly *Ceratitis capitata* (Diptera: Tephritidae). *Physiological Entomology*, 37(4), 330-339.
2. Papadopoulos, N.T., D.P. Papachristos & C.S. Ioannou (2012). Citrus fruits and the Mediterranean fruit fly. *Acta Horticulture* (in press).
3. Gerofotis, C.D., C.S. Ioannou & N.T. Papadopoulos (2013). Aromatized to Find Mates: α -Pinene Aroma Boosts the Mating Success of Adult Olive Fruit Flies. *PloS one*, 8(11), e81336.
4. Kouloussis, N.A., B.I. Katsoyannos, N.T. Papadopoulos, Ioannou, C. S., & Iliadis, I. V. (2013). Enhanced mating competitiveness of *Ceratitis capitata* males following exposure to citrus compounds. *Journal of Applied Entomology*, 137(1), 30-38.

Participation in International Conferences

1. Kouloussis N.A, B.I. Katsoyannos, N.T. Papadopoulos, C.S. Ioannou & E.A. Kotta. 2004. Effect of host fruit odors on the oviposition of feral *Ceratitis capitata* in the laboratory. Fifth Meeting of the Working Group on Fruit flies of the Western Hemisphere, Fort Lauderdale, Florida, USA, 16-21 May 2004, p. 121.
2. Kouloussis N.A, B.I. Katsoyannos, N.T. Papadopoulos & C.S. Ioannou. 2005. Host selection in *Ceratitis capitata*: a demographic/ageing perspective. Rostock European Exploratory Workshop on Aging and Longevity in Wild Medfly

Populations, Max Planck Institute for Demographic Research, Rostock, Germany, 28-29 July 2005.

3. Kouloussis N.A, C.S. Ioannou & B.I. Katsoyannos. 2006. Oviposition of *Ceratitidis capitata* in response to volatiles from various concentrations of orange juice. Seventh International Symposium of Fruit Flies of Economic Importance, Salvador, Bahia, Brazil, 10-15 September 2006.
4. Kouloussis N.A, B.I. Katsoyannos, N.T. Papadopoulos, C.S. Ioannou & J.V. Iliadis. 2008. Enhanced mating competitiveness following exposure to different citrus oils in males of *Ceratitidis capitata*. First Meeting of Tephritid Workers of Europe, Africa and The Middle East, 7-9 April 2008, Majorca, Spain, Abstracts p. 33.
5. Ioannou, C.S., N.T. Papadopoulos, N.A. Kouloussis & B.I. Katsoyannos. 2012. Associative olfactory learning in the Mediterranean fruit fly *Ceratitidis capitata* (Diptera: Tephritidae) larvae. Second International Symposium of TEAM (Tephritid Workers of Europe, Africa and The Middle East), 3-6 July 2012, Kolymbari, Greece, Abstracts p. 57.
6. Papadopoulos, N.T., D.P. Papachristos & C.S. Ioannou. 2012. Citrus fruits and the Mediterranean fruit fly. XII International Citrus Congress, 18-23 November, Valencia, Spain, Abstracts p. 222.

Training courses

“Regional training course on quarantine and pest risk analysis”. IAEA, 15-19 October 2012, Vienna, Austria.