



PERSONAL INFORMATION

Place of birth: Athens, Greece

Date of birth: January 3, 1982

CONTACT INFORMATION

Home Address: Georgiou Papandreou 20, 71306,
Heraklion, Crete, Greece

Tel: +30 697 3000319

e-mail: aris_ilias@imbb.forth.gr

AREA OF INTEREST

My main area of interest is the understanding of the molecular mechanisms by which arthropods (agricultural pests) develop resistance to insecticides aiming to develop new means of managing and overcoming this resistance.

More specifically my scientific interest focuses in: insect pest control, insecticide and acaricide resistance, monitoring of resistance, characterization of resistance mechanisms (detoxification enzymes, target proteins of insecticides), distribution and gene flow of resistance genes, development of environmental friendly tools for resistance management.

WORK EXPERIENCE – PARTICIPATION IN RESEARCH PROGRAMS

01/10/2017- now, post-doctoral researcher in Bayer CropScience funded program entitled «Insect gut biology: biotechnology based approaches for novel insecticide targets discovery»

01/04/2017-31/06/2017, post-doctoral researcher in Bayer CropScience funded program entitled «Genetic and Functional Characterization of insecticide resistance mechanisms»

03/11/2016-03/04/2017, post-doctoral researcher in scientific program ARIMNet 2 entitled «Emergent viruses and virus vectors in Mediterranean Basin crops-EMERAMB»

05/03/2016-31/07/2016, post-doctoral researcher in Bayer CropScience funded program entitled «Genetic and Functional Characterization of the *Bemisia tabaci* CYP6CM1 – based Resistance Mechanism for Improving the Sustainability of Whitefly Control»

12/11/2014-30/11/2015, post-doctoral researcher in ‘Research & Technology Development Innovation Projects-AgroETAK’, in the framework of the Operational Program ‘Human Resources Development’ coordinated by the Hellenic Agricultural Organization – DEMETER. The research goal of the program: «Investigation and detection of the frequency and distribution of insecticide resistance mutations in major agricultural pests of vegetable crops in Crete, and study of the toxicity of third generation insecticides in its natural enemies»

12/06/2014-11/10/2014, post-doctoral researcher in scientific program funded by GSRT (ARISTEIA) entitled «Genomic approaches for understanding xenobiotic detoxification of the olive fruit fly and its adaptation to olives, and biological genetic sexing for improving SIT»

01/12/2013-31/07/2014, post-doctoral researcher funded by GSRT (THALES) and Bayer CropScience working on «Genomic and functional approaches for understanding insecticide resistance in major agricultural pests»

EDUCATION

2010-2014: PhD in the laboratory of Molecular Entomology of the Biology Department, University of Crete, Greece, co-supervised by Prof. John Vontas, Assoc. Prof. Thomas Van Leeuwen and Dr Anastasia Tsagkarakou. Thesis title: “**Investigation of resistance mechanisms and geographical distribution of responsible genes in the whitefly *Bemisia tabaci* and the spider mite *Tetranychus urticae***”

2008-2009: Obligatory military service (November 12, 2008 - November 12, 2009)

2006-2008: M.Sc. in Plant Protection and Environment, Agricultural University of Athens (AUA), Greece. I conducted my research in the laboratory of Pesticide Science supervised by Prof. John Vontas (IMBB) in collaboration with Dr. Anastasia Tsagkarakou (NAGREF). Thesis title: “**Investigations and characterization of pyrethroid bifenthrin resistance, in Greek populations of *Tetranychus urticae* Koch (Acari: Tetranychidae)**”

2000-2006: B.Sc. Degree in Agriculture, Agricultural University of Athens, Greece

1999: Graduated from the 24th High School of Athens

SCHOLARSHIPS / FELLOWSHIPS

2010-2013 HERACLEITUS II, PhD fellowship Research Funding Program. Co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) entitled «Investigation of resistance mechanisms and geographical distribution of responsible genes in the whitefly *Bemisia tabaci* and the spider mite *Tetranychus urticae*»

01/04/2010-31/08/2010, participation in scientific program entitled «Genetic and functional analysis of resistance mechanisms in *B. tabaci* and *N. lugens* »

PUBLICATIONS (13)

D.E. Kapantaidaki, G. Skavdis, E. Sadikoglou, V. Kampanis, **A. Ilias**, M. Stavarakaki, K. Bourtzis, J. Vontas, A. Tsagkarakou, Status of insecticide resistance in *Trialeurodes vaporariorum* populations from Greece and novel diagnostics for *kdr* mutations. **Pest Management Science**, 74 (1) (2018) 59-69

- E. Alissandrakis, **A. Ilias**, A. Tsagkarakou. Investigation of sodium-channel point mutations in Greek populations of the honeybee parasite *Varroa destructor* (Acari: Varroidae). **Journal of Apicultural Research**, 56 (5) (2017) 625-630
- V. Douris, K.M. Papapostolou, **A. Ilias**, E. Roditakis, S. Kounadi, M. Riga, R. Nauen, J. Vontas, Investigation of the contribution of RyR target-site mutations in diamide resistance by CRISPR/Cas9 genome modification in *Drosophila*. **Insect Biochemistry and Molecular Biology**, 87 (2017) 127-135
- E. Roditakis, D. Steinbach, G. Moritz, E. Vasakis, M. Stavrakaki, **A. Ilias**, L. García-Vidal, M. del Rosario Martínez-Aguirre, P. Bielza, S. Iqbal, E. Morou, J.E. Silva, W.M Silva, H. Siqueira, B.J. Troczka, M. Williamson, C. Bass, A. Tsagkarakou, J. Vontas, R. Nauen. Ryanodine receptor point mutations confer diamide insecticide resistance in tomato leafminer, *Tuta absoluta* (Lepidoptera: Gelechiidae). **Insect Biochemistry and Molecular Biology**, 80 (2017) 11-20
- N. Fytrou, **A. Ilias**, J. Sklivakis, A. Tsagkarakou, Lethal and sublethal effects of selected insecticides on commercially available natural enemies of whiteflies. **Pesticides and Beneficial Organisms IOBC-WPRS Bulletin**, 125 (2017) 19-27
- A. Ilias**, V.A. Vassiliou, J. Vontas, A. Tsagkarakou, Molecular diagnostics for detecting pyrethroid and abamectin resistance mutations in *Tetranychus urticae*, **Pesticide Biochemistry and Physiology**, 135 (2017) 9-14
- A.P. Kalaitzaki, A.E. Tsagkarakis AE, **A. Ilias**, First record of the nesting whitefly, *Paraleyrodes minei*, in Greece. **Entomologia Hellenica**, 25 (2016) 16-21
- A. Ilias***, J. Lagnel*, D.E. Kapantaidaki, E. Roditakis, C.S. Tsigenopoulos, J. Vontas, A. Tsagkarakou, Transcription analysis of neonicotinoid resistance in Mediterranean (MED) populations of *B. tabaci* reveal novel cytochrome P450s, but no nAChR mutations associated with the phenotype. **BMC Genomics**, 16 (2015) 939
- A. Ilias**, J. Vontas, A. Tsagkarakou, Global distribution and origin of target site insecticide resistance mutations in *Tetranychus urticae*. **Insect Biochemistry and Molecular Biology**, 48 (2014) 17-28
- M. Riga, D. Tsakireli, **A. Ilias**, E. Morou, A. Myridakis, E.G. Stephanou, R. Nauen, W. Dermauw, T. Van Leeuwen, M. Paine, J. Vontas, Abamectin is metabolized by CYP392A16, a cytochrome P450 associated with high levels of acaricide resistance in *Tetranychus urticae*. **Insect Biochemistry and Molecular Biology**, 46 (2014) 43-53
- A. Ilias***, E. Roditakis*, M. Grispou, R. Nauen, J. Vontas, A. Tsagkarakou, Efficacy of ketoenols on insecticide resistant field populations of two-spotted spider mite *Tetranychus urticae* and sweet potato whitefly *Bemisia tabaci* from Greece. **Crop Protection**, 42 (2012) 305-311
- W. Dermauw*, **A. Ilias***, M. Riga, A. Tsagkarakou, M. Grbic, L. Tirry, T. Van Leeuwen, J. Vontas, The cys-loop ligand-gated ion channel gene family of *Tetranychus urticae*: implications for acaricide toxicology and a novel mutation associated with abamectin resistance. **Insect Biochemistry and Molecular Biology**, 42 (2012) 455-465

A. Tsagkarakou, T. Van Leeuwen, J. Khajehali, **A. Ilias**, M. Grispou, M.S. Williamson, L. Tirry, J. Vontas, Identification of pyrethroid resistance associated mutations in the para sodium channel of the two-spotted spider mite *Tetranychus urticae* (Acari: Tetranychidae). **Insect Molecular Biology**, 18 (2009) 583-593

*Equal contribution

REVIEWER

I have reviewed nine manuscripts submitted in scientific magazines

PLoS One

D.H. Kwon, T.J. Kang, Y.H. Kim, S.H. Lee, Phenotypic- and Genotypic-Resistance Detection for Adaptive Resistance Management in *Tetranychus urticae* Koch.

Crop Protection

C.B.S. Ferreira, F.H.N. Andrade, A.R.S. Rodrigues, H.A.A. Siqueira, M.G.C. Gondim Jr, Resistance in field populations of *Tetranychus urticae* to acaricides and characterization of the inheritance of abamectin resistance.

Journal of Pest Science

Y. Liu, H. Pan, Y. Lu, Cycloxyprid susceptibility and detoxification in three *Adelphocoris* spp. (Hemiptera: Miridae).

Experimental and Applied Acarology

H.S. Zein, A.M. Afifi, F.S. Ali, M.M. Ahmed, E.H. Shaurub, Target-site insensitivity to some acaricides in a field population of the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae), from Egypt

Bulletin of Entomological Research

A.W. Adesanya, M.A. Morales, D.B. Walsh, L.C. Lavine, M.D. Lavine, F. Zhu, Mechanisms of resistance to three mite growth inhibitors of *Tetranychus urticae* in hops

E.S.H. Shaurub, A.A. Mohamed, A.E. Dawood, S.F. Farghaly, Insecticide-resistance status and activity of detoxifying enzymes 1 in field populations of the whitefly, *Bemisia tabaci* (Gennadius), from Egypt.

C.P.O. de Assis, M.G.C. Gondim Jr., H.A.A. de Siqueira, Susceptibility of *Tetranychus urticae* (Acari: Tetranychidae) 1 and its predator *Neoseiulus californicus* (Acari: Phytoseiidae) to acaricides and possible mechanisms of predator detoxification.

J. Pinkesorn, J.R. Milne, S. Kitthawee, Orchid flower and inflorescence shape effects on *Thrips palmi* (Thysanoptera: Thripidae) populations in an orchid farm.

Phytoparasitica

F Dağlı, Monitoring the level and fluctuation of abamectin resistance in *Tetranychus urticae* Koch (Acari: Tetranychidae) Antalya (Turkey) population and the efficacy of spinosad on abamectin-resistant population.

EXPERIENCE AND SKILLS

Laboratory skills: arthropod rearing, sampling and screening specialization (*Tetranychus urticae*, *Tetranychus evansi*, *Bemisia tabaci*, *Trialeurodes vaporariorum*, *Tuta absoluta*).

Toxicology assays in arthropods/ bioassays (insecticides, acaricides, entomopathogens), toxicological assays with enzyme inhibitors/ synergists (PBO, DEF, DEM).

Molecular biology techniques: extensive knowledge of various molecular cloning techniques, molecular diagnostics (allele specific PCR, RFLPs, Taqman), RNA/DNA isolation, quantification of RNA/DNA levels (Real Time PCR, next generation sequencing), in vitro synthesis of dsRNA-siRNA for RNA interference and genetic knockdowns, phylogenetic analysis

Biochemical techniques: enzyme activity assays (P450s, GSTs, Esterases), enzyme kinetics (HPLC analysis), enzyme and insecticide interaction

Computer skills: Taqman SNP genotyping assay analysis, Real Time PCR normalization and statistical analysis (REST TOOL-Pfaffl MW), sequencing manipulation, primer design (Oligo 7), phylogenetic analysis (Bioedit, PhyML, Clustal), basic use of statistical software SPSS, analysis of resistance bioassay data (Polo PC, Probit)

ABSTRACTS IN INTERNATIONAL MEETINGS (19)

N. Fytrou, **A. Ilias**, J. Sklivakis, A. Tsagkarakou (2016) Lethal and sublethal effects of selected insecticides on commercially available natural enemies of whiteflies. *IOBC, Working Group "Pesticides and Beneficial Organisms"*, 11-13 October 2016, Chania, Greece

E. Roditakis, E. Vasakis, M. Stavrakaki, **A. Ilias**, P. Bielza, C. Bass, A. Bassi, R. Nauen, J. Vontas and A. Tsagkarakou (2016) The global importance of the tomato borer *Tuta absoluta*, its control and the current state of insecticide resistance. *XXV International Congress of Entomology*, 25-30 September 2016, Orlando, Florida, USA

E. Alissandrakis, **A. Ilias**, A. Tsagkarakou (2016) Molecular characterization of pyrethroid resistance in *Varroa destructor* (Acari: Varroidae) populations from Greece. *8th European Association of Acarologists Symposium*, 11-15 July 2016, Valencia, Spain

A. Ilias, A. Tsagkarakou (2016) Genetic diversity in worldwide collections of *Tetranychus urticae* (Acari: Tetranychidae). *8th European Association of Acarologists Symposium*, 11-15 July 2016, Valencia, Spain

A. Ilias, J. Vontas, A. Tsagkarakou (2016) Molecular diagnostics for detecting pyrethroid and abamectin resistance mutations in *Tetranychus urticae*. *8th Symposium European Association of Acarologists*, 11-15 July 2016, Valencia, Spain

- E. Roditakis, **A. Ilias**, E. Vassakis, M. Stavrakaki, E. Morou, D. Steinbach, R. Nauen, J. Vontas, A. Tsagkarakou (2015). Investigating diamide resistance in the tomato borer *Tuta absoluta* (Lepidoptera: Gelechiidae). *Resistance*, 14-16 September 2015, Rothamsted, UK
- A. Tsagkarakou, E. Roditakis, T. Guillemaud, **A. Ilias**, E. Morou, M. Stavrakaki, J. Marountas, K. Louis, R. Nauen, J. Vontas (2015) Insecticide resistance mechanisms and management in major pests of vegetable crops. *18th International Plant Protection Congress*, 24-28 August 2015, Berlin, Germany
- E. Roditakis, **A. Ilias**, E. Vassakis, M. Stavrakaki, E. Morou, D. . Steinbach, R. Nauen, J. Vontas, A. Tsagkarakou (2015) Investigating the mechanisms involved in diamide resistance in tomato borer *Tuta absoluta*. *18th International Plant Protection Congress*, 24-28 August 2015, Berlin, Germany
- A. Tsagkarakou, **A. Ilias**, M. Riga, D. Kapantaidaki, J. Lagnel, E. Morou, E. Roditakis, J. Marountas, C. Louis, J. Vontas (2014) Insecticide resistance in agricultural pests: from mechanisms to resistance management. *10th European Congress of Entomology*, 3-8 August 2014, York, United Kingdom
- M. Riga, E. Morou, D. Tsakireli, **A. Ilias**, I. K. Christou, R. Nauen, W. Dermauw, T. Van Leeuwen, V. Douris, J. Vontas (2014) Functional analysis of cytochrome P450-based detoxification mechanisms in *Tetranychus urticae*. *14th International Congress of Acarology*, 14-18 July 2014, Kyoto, Japan
- J. Lagnel, **A. Ilias**, D.E. Kapantaidaki, J. Vontas, A. Tsagkarakou (2014) High-throughput transcriptomics to characterize insecticide resistance in *Bemisia tabaci* MED species. *7th International Symposium on Molecular Insect Science*. 13-16 July 2014, Amsterdam, The Netherlands
- V. Douris, M. Riga, Y. Livadaras, **A. Ilias**, I.K. Christou, T. Van Leeuwen, J. Vontas (2014) Evaluation of genes and mutations potentially associated with insecticide resistance phenotypes via ectopic expression and crispr-mediated genome modification in *Drosophila*. *7th International Symposium on Molecular Insect Science*, 13-16 July 2014, Amsterdam, The Netherlands
- A. Sandri, E. Morou, E. Sioziou, N. Kryovrysanaki, **A. Ilias**, M. Riga, T. Van Leeuwen, C. D'ambrosio, K. Kalantidis, J. Vontas (2014) Plant mediated RNA interference RNAi to block P450 based detoxification of insecticides and plant allelochemicals in *B. tabaci* and *T. urticae*, 16th Congress on *Molecular Plant-Microbe Interactions*, 6-10 July 2014, Rhodes Island, Greece.
- A. Ilias**, D. E. Kapantaidaki, E. Sioziou, E. Morou, E. Roditakis, J. Vontas, A. Tsagkarakou (2013) Characterization of neonicotinoid resistance in *Bemisia tabaci* from Greece, *1st International Whitefly Symposium*, 20-24 May 2013, Kolymbari, Crete , Greece.
- D.E. Kapantaidaki, **A. Ilias**, J. Vontas and A. Tsagkarakou (2013) Resistance to imidacloprid and bifenthrin in field populations from Greece of the greenhouse whitefly, *Trialeurodes vaporariorum* (Hemiptera: Aleyrodidae), *1st International Whitefly Symposium*. 20-24 May 2013, Kolymbari, Crete, Greece.

A. Ilias, M. Grispou, J. Vontas, A. Tsagkarakou (2012) Global distribution of resistance mutations in *T. urticae*, *7th Symposium European Association of Acarologists*, 9-13 July 2012, Vienna, Austria.

A. Ilias, W. Dermauw, M. Riga, A. Tsagkarakou, T. Van Leeuwen, J. Vontas (2012) Characterization of abamectin resistance in *Tetranychus urticae* from Greece, *7th Symposium European Association of Acarologists*, 9-13 July 2012, Vienna, Austria.

J. Vontas, **A. Ilias**, M. Riga, W. Dermauw, N. Pavlidi, A. Tsagkarakou, T. Van Leeuwen (2011) Molecular and functional characterization of insecticide/acaricide resistance in *Tetranychus urticae* from Greece, *6th International Symposium on Molecular Insect Science*, 2-5 October 2011, Amsterdam, The Netherlands

A. Tsagkarakou, **A. Ilias**, M. Grispou, D. Nikou, E. Morou, J. Vontas (2008) Pyrethroid resistance levels and mechanisms in *Tetranychus urticae* Koch (Acari: Tetranychidae) from Greece, *6th Symposium European Association of Acarologists*, 21-25 July 2008, Montpellier, France

ABSTRACTS IN LOCAL MEETINGS (18)

M. Stavrakaki, A. Ilias, E. Roditakis, J. Vontas, R. Nauen and A. Tsagkarakou (2017) Investigating ketoenol toxicity in Mediterranean populations of the whitefly *Bemisia tabaci*. 17th National Entomological Congress, Athens, 19-22 September 2017

J. Moustaka, V. Douris, A. Ilias, J. Livadaras and J. Vontas (2017) Levels and mechanisms of resistance in natural populations of the insect pest *Drosophila suzukii* (Diptera: Drosophilidae) from Greece. 17th National Entomological Congress, Athens, 19-22 September 2017

V. Douris, M. Riga, A. Ilias, R. Panteleri, I.K. Christou, S. Kounadi, K.M. Papapostolou, G.R. Samantsidis, M. Kefi, T. Van. Leeuwen, R. Nauen and J. Vontas (2017) Investigation of the contribution of different molecular mechanisms to insecticide resistance through gene overexpression and targeted genome modification in *Drosophila*. 17th National Entomological Congress, Athens, 19-22 September 2017

E. Alissandrakis, **A. Ilias** and A. Tsagkarakou (2015) Characterization of pyrethroid resistance in the honeybee parasite *Varroa destructor* (Acari: Varroidae). *16th National Entomological Congress*, Heraklion, 20-23 October 2015

A. Ilias, J. Vontas and A. Tsagkarakou (2015) Frequency and distribution of target site resistance mutations in spider mites and whiteflies and side effect toxicity of pesticides in their natural enemies. *16th National Entomological Congress*, Heraklion, 20-23 October 2015

E. Roditakis, **A. Ilias**, J. Lagnel, M. Stravrakaki, J. Vontas, R. Nauen and A. Tsagkarakou (2015) High-throughput transcriptomics to characterize insecticide resistance in *Tuta absoluta*. *16th National Entomological Congress*, Heraklion, 20-23 October 2015

E. Morou, **A. Ilias**, E. Pitsili, D. Tsakireli, J. Moustaka, A. Tsagkarakou and J. Vontas (2015) Biochemical analysis of neonicotinoid resistance in *Bemisia tabaci*, prediction of cross

resistance and development of diagnostics. *16th National Entomological Congress*, Heraklion, 20-23 October 2015

E. Roiditakis, M. Stavrakaki, E. Vasakis, **A. Ilias**, E. Morou, J. Vontas, A. Bassi, R. Nauen and A. Tsagkarakou (2015) Investigating diamide resistance in tomato borer *Tuta absoluta*. *16th National Entomological Congress*, Heraklion, 20-23 October 2015

A. Ilias, J. Lagnel, D. E. Kapantaidaki, E. Sioziou, E. Roiditakis, J. Vontas, A. Tsagkarakou (2013) High-throughput transcriptomics to characterize insecticide resistance in *Bemisia tabaci* MED species. *15th National Entomological Congress*, Kavala, 22-25 October 2013

A. Ilias, J. Vontas, A. Tsagkarakou (2013) Global distribution and origin of target site resistance mutations in *Tetranychus urticae*. *15th National Entomological Congress*, Kavala, 22-25 October 2013

D.E. Kapantaidaki, **A. Ilias**, J. Vontas, A. Tsagkarakou (2013) Resistance to imidacloprid, bifenthrin and spiromesifen in field populations from Greece of the greenhouse whitefly, *Trialeurodes vaporariorum* (Hemiptera: Aleurodidae). *15th National Entomological Congress*, Kavala, 22-25 October 2013

M. Riga, E. Morou, D. Tsakireli, **A. Ilias**, A. Tsagkarakou, E. Siozou, V. Douris, K. Kalantidis, J. Vontas (2013) Molecular and functional analysis of detoxification mechanisms of two spotted spider mite *Tetranychus urticae* (Acari: Tetranychidae) *15th National Entomological Congress*, Kavala, 22-25 October 2013

A. Tsagkarakou, M. Grispou, A. Polack, **A. Ilias**, T. Guillemaud (2011) Genetic diversity in *Tuta absoluta* (Lepidoptera: Gelechiidae). *14th National Entomological Congress*, Nafplio 11-14 October 2011

A. Ilias, M. Riga, W. Dermauw, M. Grispou, T. Van Leeuwen, A. Tsagkarakou, J. Vontas (2011) Characterization of abamectin resistance in *Tetranychus urticae* (Acari: Tetranychidae) from Greece *14th National Entomological Congress*, Nafplio 11-14 October 2011

A. Tsagkarakou, E. Morou, **A. Ilias**, M. Grispou, J. Vontas (2009) Molecular characterization of target proteins and identification of mutations associated with resistance to pyrethroids and organophosphates in *Tetranychus urticae* (Acari: Tetranychidae) *13th National Entomological Congress*, Alexandroupolis, 3-6 November 2009

J. Vontas, E. Roiditakis, D. Nikou, E. Morou, **A. Ilias**, O. Kanavaki, A. Tsagkarakou (2008) Molecular analysis and diagnosis of insecticide resistance. *30th Scientific Conference of Hellenic Association for Biological Sciences*, Thessaloniki, 22-24 May, 2008

A. Tsagkarakou, **A. Ilias**, E. Morou, M. Grispou, G. Papadoulis, J. Vontas (2007) Levels and mechanisms of resistance of *Tetranychus urticae* Koch (Acari: Tetranychidae) to bifenthrin. *12th National Entomological Congress*, Larnaca, Cyprus, 13-16 November 2007

A. Mpirouraki, E. Detsi, M. Chalkiadaki, M. Tsechelidou, M. Grispou, **A. Ilias**, A. Paraskeuopoulos, A. Tsagkarakou (2007) Resistance levels of *Tetranychus urticae* Koch

(Acari: Tetranychidae) from Crete and Peloponnesus to several acaricides. *12th National Entomological Congress*, Larnaca, Cyprus, 13-16 November 2007

STUDENT SUPERVISION AND MENTORING

2012-2014: Anastasia Sandri, MSc at the Plant Molecular Biology and Biotechnology course, Crete, 3-month rotation and master thesis: “Plant mediated RNA interference to block detoxification mechanisms of agricultural pests”

2011-2013: Eleni Sioziou, MSc at the Management of Terrestrial and Marine Resources course, Crete, 3-month rotation and master thesis: “Development of methods to control agricultural pests via RNA interference”

2011-2014: Despina Kapantaidaki, Phd, Crete, PhD thesis: “Study of insect endosymbiont diversity in relation with their host polymorphism”

2010-2011: Maria Riga, MSc at the Management of Terrestrial and Marine Resources course, Crete, Master thesis: “Genetics and molecular analysis of resistance in the two-spotted spider mite *Tetranychus urticae* in avermectins”

LANGUAGES

Greek: Native speaker

English: Proficient, Certificate of Proficiency in English, University of Michigan, 2003

LEISURE ACTIVITIES

Football, table tennis player and swimmer

REFERENCE

- Prof. John Vontas: Pesticide Science lab (Director), Agricultural University of Athens / Molecular Entomology lab (Group leader), Institute of Molecular Biology and Biotechnology / Foundation for Research and Technology (e-mail: vontas@imbb.forth.gr; vontas@aua.gr)
- Dr. Anastasia Tsagkarakou: NAGREF-Institute of Olive Tree, Subtropical Crops and Viticulture (Director) (e-mail: tsagkarakou@nagref.gr)
- Dr. Emmanouil Roditakis: NAGREF-Institute of Olive Tree, Subtropical Crops and Viticulture (Researcher) (e-mail: eroditakis@nagref.gr)