

PERSONAL INFORMATION
<b>NAME: IOANNIS</b>
<b>SURNAME: GIANTSIS</b>
<b>DATE OF BIRTH: 13/08/1985</b>
<b>email: <a href="mailto:igiantsis@uowm.gr">igiantsis@uowm.gr</a> , <a href="mailto:giantsisg@gmail.com">giantsisg@gmail.com</a></b>

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## CURRENT POSITION

**MAY 2020-today**

**Assistant Professor**

Faculty of Agricultural Sciences, University of Western Macedonia, Greece

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## PREVIOUS POSITIONS

**10.2015 – 04.2020**

**Scientific collaborator in TEI of Western Macedonia**

Teaching of several undergraduate courses including “Aquaculture and Fisheries”, “Animal Physiology”, “Farm Animals Genetic Improvement”, “Biological Farming” and “Applied Animal Nutrition” in the Department of Animal Science, Technological Educational Institute (TEI) of Western Macedonia, Florina, Greece

**05.2018 – 07.2019**

**Postdoctoral researcher in the Department of Ichthyology and Aquatic Environment, University of Thessaly**

Project Title: Bio-monitoring of marine mammals in the Eastern Mediterranean Sea  
Department of Ichthyology and Aquatic Environment, University of Thessaly, Volos, Greece (EDVM 34)

**06.2015 – 04.2019**

**Postdoctoral researcher in USDA-ARS, Greece**

Project Title: “Development of molecular techniques for the identification of insect vectors”

European Biological Control Laboratory, USDA - ARS, American Farm School of Thessaloniki, Greece

**10.2016 – 01.2017**

**Postdoctoral researcher in Aristotle University of Thessaloniki**

Project Title: “Experimental farming and management of the horse mussel in Thermaikos Gulf”,

Laboratory of Animal Physiology, School of Biology, Aristotle University of Thessaloniki

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## EDUCATION

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*IOANNIS A. GIANTSIS – CURRICULUM VITAE*

- 11.2010 – 03.2015** Doctor of Philosophy (PhD).  
School of Agriculture, Faculty of Agriculture, Forestry and Natural Environment,  
Aristotle University of Thessaloniki, Greece. GPA: excellent
- 10.2008 – 12.2010** Master of Science (MSc) in Animal Science.  
Department of Animal Production, Faculty of Agriculture, Aristotle University of  
Thessaloniki, Greece. GPA: 9.46/10.00.
- 09.2003 – 10.2008** Bachelor of Science in Agriculture.  
Faculty of Agriculture, Aristotle University of Thessaloniki, Thessaloniki, Greece.  
GPA: 7.76/10.00.
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**PUBLICATIONS IN PEER REVIEWED JOURNALS (S.C.I.)**

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- First detection of the invasive *Haplosporidian* and *Mycobacteria* parasites hosting the endangered bivalve *Pinna nobilis* in Thermaikos Gulf, North Greece. Lattos A., Giantsis I.A., Karagiannis D., Michaelidis B., *Marine Environmental Research* 155, 104889, 2020, DOI: 10.1016/j.marenvres.2020.104889, <https://doi.org/10.1016/j.marenvres.2020.104889>
  - Population dynamics, pathogen detection and insecticide resistance of mosquito and sand fly in refugee camps, Greece. Fotakis E.A., Giantsis I.A., Castells Sierra J., Tanti F., Balaska S., Mavridis K., Kourtidis S., Vontas J., Chaskopoulou A. *Infectious Diseases of Poverty* 9, 30, 2020, <https://doi.org/10.1186/s40249-020-0635-4>
  - Model-Based Distribution and Abundance of Three Delphinidae in the Mediterranean. Karamitros G., Gkafas G.A., Giantsis I.A., Martsikalis P., Kavouras M., Exadactylos A., *Animals* 10, 260, 2020, doi:10.3390/ani10020260, <https://www.mdpi.com/2076-2615/10/2/260>
  - First insights towards the population genetic structure and the phylogeographic status of the horse mussel (*Modiolus barbatus*) from the eastern Mediterranean. Giantsis I.A., Exadactylos A., Feidantsis K., Michaelidis B. *Journal of the Marine Biological Association of the United Kingdom* 99, 1111-1118, 2019, <https://doi.org/10.1017/S0025315418001133>
  - Monitoring pollution level and microclimate conditions in a naturally ventilated livestock building using open-source device. Denizopoulou A., Karnoutsos P., Martzopoulou A., Giantsis I.A., Andreopoulou Z., Kotsopoulos T., Fragos V., Nikita-Martzopoulou Ch. *Journal of Environmental Protection and Ecology* 20, 1-11, 2019, <http://www.jepe-journal.info/journal-content/vol-20-no1>
  - Broadening the tools for studying sand fly breeding habitats: A novel molecular approach for the detection of phlebotomine larval DNA in soil substrates. Giantsis I.A., Chaskopoulou A. *Acta Tropica* 190, 123-128, 2019, DOI: 10.1016/j.actatropica.2018.11.008, <https://doi.org/10.1016/j.actatropica.2018.11.008>
  - Identification of Leishmania species in naturally infected sand flies from refugee camps, Greece. Fotakis E.A., Giantsis I.A., Avgerinou A., Kourtidis S., Agathaggelidou E., Kapoula C., Dadakou G., Vontas J., Chaskopoulou A. *Emerging Infectious Diseases* 25, 361-364, 2019, doi: 10.3201/eid2502.181359, <https://dx.doi.org/10.3201/eid2502.181359>
  - Genetic composition and evaluation of the status of a non-descript indigenous horse population from Greece, the Macedonian Pacer. Giantsis I.A., Diakakis N.E., Avdi M. *Journal of Equine Veterinary Science* 71, 64-70, 2018, <https://doi.org/10.1016/j.jevs.2018.10.003>
  - Detection of Pyrethroid Resistance Mutations in the Major Leishmaniasis Vector *Phlebotomus papatasi*. Fotakis E.A., Giantsis I.A., Demir S., Vontas J., Chaskopoulou A. *Journal of Medical Entomology* 55, 1225-1230, 2018, DOI: 10.1093/jme/tjy066, <https://doi.org/10.1093/jme/tjy066>
  - Re-examination of the taxonomic status of *Anopheles hyrcanus* and *An. pseudopictus* using a multilocus genetic approach. Miaoulis M., Giantsis I.A., Schaffner F., Chaskopoulou A. *Journal of Vector Ecology* 43, 179-183, 2018, DOI: 10.1111/jvec.12297, <https://doi.org/10.1111/jvec.12297>
  - Direct multiplex PCR (dmPCR) for the identification of six Phlebotomine sand fly species (Diptera: Psychodidae), including major *Leishmania* vectors of the Mediterranean. Giantsis I.A., Chaskopoulou A., Bon M.C. *Journal of Economic Entomology* 110, 245-249, 2017, DOI: 10.1093/jee/tow269 <https://academic.oup.com/jee/article/110/1/245/2740730>
  - The distribution of the invasive pest, rice water weevil *Lissorhoptrus oryzophilus* Kuschel (Coleoptera: Curculionidae), is expanding in Europe: First record in the Balkans, confirmed by CO1 DNA barcoding. Giantsis I.A., Castells Sierra J., Chaskopoulou A. *Phytoparasitica* 45, 147-149, 2017, <http://doi.org/10.1007/s12600-017-0576-z>
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## IOANNIS A. GIANTSIS – CURRICULUM VITAE

- Polymorphism of the melatonin receptor 1A (MNTR1A) gene and association with seasonality of reproductive activity in a local Greek sheep breed. Giantsis I.A., Laliotis G.P., Stoupa O., Avdi M. *Journal of Biological Research* 23, 9, 2016, <https://doi.org/10.1186/s40709-016-0050-y>
- Species composition, activity patterns and blood meal analysis of sand fly populations (Diptera: Psychodidae) in the metropolitan region of Thessaloniki, an endemic focus of canine leishmaniasis. Chaskopoulou A., Giantsis I.A., Demir S., Bon M.C. *Acta Tropica* 158, 170-176, 2016, <https://doi.org/10.1016/j.actatropica.2016.03.006>
- Mild-Vectolysis: a nondestructive DNA extraction method for vouchering sand flies and mosquitoes. Giantsis I.A., Chaskopoulou A., Bon M.C. *Journal of Medical Entomology* 53, 692-695, 2016, <https://doi.org/10.1093/jme/tjv236>
- Evaluating the genetic status of the “IUCN vulnerable” endemic Macedonian shad (*Alosa macedonica*, Vinciguerra, 1921) from Lake Volvi. Giantsis I.A., Kechagia S., Apostolidis A.P. *Journal of Applied Ichthyology* 31, 184-187, 2015, <https://doi.org/10.1111/jai.12494>
- Mitochondrial control region variability in *Mytilus galloprovincialis* populations from Central - Eastern Mediterranean Sea. Giantsis I.A., Abatzopoulos T.J., Angelidis P., Apostolidis A.P. *International Journal of Molecular Sciences* 15, 11614-11625, 2014, <https://doi.org/10.3390/ijms150711614>
- Microsatellite variation of mussels (*Mytilus galloprovincialis*) in Central and Eastern Mediterranean: Genetic panmixia in the Aegean and the Ionian Sea. Giantsis I.A., Mucci N., Randi E., Abatzopoulos T.J., Apostolidis A.P. *Journal of the Marine Biological Association of the United Kingdom* 94, 797-809, 2014, <https://doi.org/10.1017/S0025315414000174>
- Phylogenetic relationships among Southern Balkan *Rutilus* species inferred from cytochrome b sequence analysis: micro-geographic resolution and taxonomic implications. Tsoumani M., Georgiadis A., Giantsis I.A., Leonardos I., Apostolidis A.P. *Biochemical Systematics and Ecology* 54, 172-178, <https://doi.org/10.1016/j.bse.2014.02.006>
- Genetic characterization and evaluation of anthropogenic impacts on genetic patterns in cultured and wild populations of mussels (*Mytilus galloprovincialis*) from Greece. Giantsis I.A., Kravva N., Apostolidis A.P. *Genetics and Molecular Research* 11, 3814-3823, 2012, DOI: 10.4238/2012.August.17.14 <http://www.funpecrp.com.br/gmr/year2012/vol11-4/pdf/gmr2040.pdf>

## CONFERENCES/WORKSHOPS

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- CEST 2019: 16th International Conference on Environmental Science and Technology, 4-7 Sept 2019, Rhodes, Greece
  - HydroMediT 2018: 3rd International Congress on Applied Ichthyology & Aquatic Environment, 8-11 November 2018, Volos, Greece
  - 21st E-SOVE (European Society of Vector Ecology) conference, 22-26 October 2018, Palermo, Italy
  - 66th Annual Meeting of the American Society of Tropical Medicine and Hygiene, 5-9 November 2017, Baltimore, Maryland, USA
  - Hydromedit 2016: 2nd International Congress on Applied Ichthyology & Aquatic Environment, 10-12 November 2016, Messolonghi, Greece
  - Natural risks - civil protection: Subsidized workshop aiming at educating geotechnician scientists, in the field of prevention, management and confrontation of natural hazards, integrated in the joint framework “GEO-PROMOTION” (180 credit hours of training) March-April 2012, Thessaloniki, Greece
  - 3rd European Congress of Conservation Biology, 28 August - 1 September 2012, Glasgow, United Kingdom
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## REVIEWING ACTIVITIES

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Twelve (12) reviews in SCI journals including *Veterinary Parasitology*, *Parasites and Vectors* (2), *Journal of Biological Research* (4), *Journal of Economic entomology*, *African Journal of Biotechnology*, *Biocontrol Science and Technology*, *Microorganisms*, *Journal of the Marine Biological Association of the UK*

(verification: <https://publons.com/researcher/2657280/ioannis-a-giantsis/>)

## TEACHING ACTIVITIES

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- 2019 – 2020** Scientific collaborator, Teaching the course “**Animal Physiology**” to the 4<sup>th</sup> (summer) semester students, Department of Animal Science, Technological Educational Institute (TEI) of Western Macedonia, Florina, Greece
- 2016 – 2020** Scientific collaborator, Teaching the course “**Aquaculture and Fisheries**” to the 4<sup>th</sup> (summer) semester students, Department of Animal Science, Technological Educational Institute (TEI) of Western Macedonia, Florina, Greece
- 2016 – 2020** Scientific collaborator, Teaching the course “**Genetic improvement of farm animals**” to the 7<sup>th</sup> (winter) semester students, Department of Animal Science, Technological Educational Institute (TEI) of Western Macedonia, Florina, Greece
- 2015 – 2016 & 2017 – 2018** Scientific collaborator, Teaching the courses “**Genetic markers of diseases of farmed fish and bivalves**” (4 hours) and “**The role of genetic markers in aquaculture**” (2 hours) in the Master Degree “Biological applications - Aquaculture, Innovation and Sustainability”, School of Biology, Aristotle University of Thessaloniki

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

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- 2016 – 2020** Supervisor of totally 8 bachelor theses in the Department of Animal Science, Technological Educational Institute (TEI) of Western Macedonia, Florina, Greece
- 2019 – 2020** Member of the advisory board in one Master Thesis in the Department of Ichthyology and Aquatic Environment, University of Thessaly

## FELLOWSHIPS and AWARDS

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- JAN-DEC 2012** Award of excellence for PhD Candidates, granted by the Research Committee of the Aristotle University of Thessaloniki, Greece
- FEB-JUL 2011** LLP/Erasmus Fellowship for PhD candidates, Laboratory of Genetics in ISPRA (Istituto Superiore per la Protezione e la Ricerca dell’Ambiente), Bologna, Italy
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**RESEARCH GRANTS**

<b>Project Title</b>	<b>Funding source</b>	<b>Period</b>	<b>Role of the PI</b>
Towards to sustainable and ecological reproduction treatment methods: a comparative implementation approach in indigenous sheep breeds (REPRO_SHEEP)	HFRI (ELIDEK)	Feb 2020 - Today	Scientific coordinator of WP2 - Correlation study of the reproductive performance in regard to the melatonin receptor 1A gene and potential association with other SNPs
Smart automatic management system for mussel farms (SmartMussel)	EPAnEK – NSRF	Jun 2019 – Today	Field samplings, molecular analyses, literature review
Bio-monitoring of marine mammals in the Eastern Mediterranean Sea	NSRF – EDBM34	May 2018 – Jul 2019	Participation in experimental procedures
Experimental farming and management of the horse mussel in Thermaikos Gulf	NSRF	Oct 2016 – Jan 2017	Molecular analyses of horse mussels
Telemetric monitoring of water resources in region of Central Macedonia	INTERREG	Jul 2010 – Aug 2010	Collection and statistical analyses of data
Determination of the genetic structure of mussels fro Thermaikos Gulf	NSRF	Jun 2009 – Oct 2010	Samplings, molecular analyses of mussels