

Dr Athanasios Exadactylos (PhD) - Head of DIAE

Professor on Aquatic Animal Genetics

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• **Degrees:**

- 1993-1997 PhD in Flatfish Population Genetics, University of Liverpool, School of Biological Sciences, Port Erin Marine Lab, Isle of Man, UK
- 1987-1993 Higher Diploma in Agriculture, Department of Agriculture, School of Geotechnical Sciences, Aristotle University of Thessaloniki, Thessaloniki, Hellas

• **Academic positions held:**

- 2015- Associate Professor on Aquatic Animal Genetics, University of Thessaly, School of Agricultural Sciences, Department of Ichthyology and Aquatic Environment, Volos, Hellas

• **Distinctions:**

- 2016- National Hellenic Aquaculture Council
- 2015/16 Hellenic Quality Assurance and Accreditation Agency (HQA)
- 2015- Head of the Department of Ichthyology and Aquatic Environment (DIAE)
- 2015- Head of Ichthyology-Hydrobiology Lab
- 2015- Outer International Assessment Board of the Irish Research Council
- 2013- European Commission experts database for the "Horizon 2020" & the 7th Research Framework Program (FP7), No. EX2002B070992
- 2013- Referee/Certifier for the experts database Hellenic Ministry of Education & Religions, General Secretariat of Research & Technology (GSRT)

• **Member/Representative:**

- 2016- Member of UTh Senate Board
- 2015 Committee of UTh External Evaluation Progress
- 2013- Committee of UTh Erasmus Office
- 2009-2013 Committee of monitoring/structuring postgraduate studies in UTh
- 2008-2013 Committee of UTh strategic planning
- 2008-2011 Administrative Board of the Hellenic Geotechnical Chamber

• **Chairing/Organizing Committee:**

- 2018 3rd International Congress on Applied Ichthyology and Aquatic Environment-HydroMediT, Volos
- 2016 4th Hellenic Conference on Natural Resources & Environmental Economics, ENVECON, Volos
- 2016 2nd International Congress on Applied Ichthyology and Aquatic Environment-HydroMediT, Messolonghi
- 2015 9th International Fair for Livestock & Poultry (ZOOTECNIA), Thessaloniki
- 2014 1st International Congress on Applied Ichthyology and Aquatic Environment-HydroMediT, Volos

INVITED CHAPTERS IN SCIENTIFIC BOOKS

1. Malandrakis EE, Danis T, Iona A, **Exadactylos A** (2017) Abiotic stress of seagrasses: Recent advances in transcriptomics, genomics and systems biology. In: Kumar M, Ralph P (Eds) Systems Biology of Marine Ecosystems. Springer Cham: pp. 119-132

PUBLISHED PAPERS IN SCI REFEREED JOURNALS

2. Martsikalis PV, Kavouras M, Gkafas GA, Apostolidis AP, Boziaris I, **Exadactylos A** (2018) Morphological and free amino acid profile variability, as a tool for stock identification among farmed rainbow trout, *Oncorhynchus mykiss* of different origin. Aquaculture Research 49: pp. 621-630 [**5y-IF: 1.635**]
3. Konstantinidis I, Gkafas GA, Karamitros G, Lolas A, Antoniadou C, Vafidis D, **Exadactylos A** (2017) Population structure of two benthic species with different larval stages in the eastern Mediterranean Sea. Journal of Environmental Protection and Ecology 18 (3): pp. 930-939 [**5y-IF: 0.550**]
4. Gkafas GA, **Exadactylos A**, Rogan E, Raga JA, Reid RJ, Hoelzel AR (2017) Biogeography and temporal progression during the evolution of striped dolphin population structure in European waters. Journal of Biogeography 44: pp. 2681-2691 [**5y-IF: 4.890**]
5. Malandrakis EE, Dadali O, Kavouras M, Danis T, Panagiotaki P, Miliou H, Tsioli S, Orfanidis S, Küpper FC, **Exadactylos A** (2017) Identification of the abiotic stress-related transcription in little Neptune grass *Cymodocea nodosa* with RNA-seq. Marine Genomics 34: pp. 47-56 [**5y-IF: 1.987**]
6. Golomazou E, Malandrakis EE, Kavouras M, Karatzinos T, Miliou H, **Exadactylos A**, Panagiotaki P (2016) Anaesthetic and genotoxic effect of medicinal plant extracts in gilthead seabream (*Sparus aurata* L). Aquaculture 464: pp. 673-682 [**5y-IF: 2.773**]

7. Malandrakis EE, Dadali O, Golomazou E, Kavouras M, Dailianis S, Chadio S, **Exadactylos A**, Panagiotaki P (2016) DNA damage and differential gene expression associated with physical stress in gilthead seabream (*Sparus aurata*). *General and Comparative Endocrinology* 236: pp. 98-104 [**5y-IF: 2.535**]
- 2 citations
8. Gkafas GA, Orfanidis S, Vafidis D, Panagiotaki P, Küpper FC, **Exadactylos A** (2016) Genetic diversity and structure of *Cymodocea nodosa* meadows in the Aegean sea, eastern Mediterranean. *Applied Ecology and Environmental Research* 14 (1): pp. 145-160 [**5y-IF: 0.727**]
9. Gkafas GA, Megalofonou P, Batjakas IE, Apostolidis AP, **Exadactylos A** (2015) Molecular phylogenetic convergence within Elasmobranchii revealed by cytochrome oxidase subunits. *Biochemical Systematics and Ecology* 61: pp. 510-515 [**5y-IF: 1.063**]
- 2 citations
- **Editorship in peer-reviewed Journals (10):**
 - i. International Aquatic Research, a SpringerOpen Journal, Springer-Verlag, GmbH, Germany
 - ii. SpringerPlus, a SpringerOpen Journal, Springer-Verlag, GmbH, Germany
 - iii. Frontiers in Evolutionary & Population Genetics / Ecology & Evolution / Genetics / Plant Science, Gold open-access academic publisher, Swiss Federal Institute of Technology (EPFL), Switzerland
 - **Refereeing scientific papers (92) under potential publication in peer-reviewed Journals:**
 - **Refereeing scientific proposals (79) for research funding grants from:**
 - i. Marie Skłodowska-Curie Individual Fellowships, EC Research Executive Agency
 - ii. PostDocs, PhDs for the Irish Research Council
 - iii. "Research-Create-Innovate" EPAnEK, ESPA 2014-2020, Hellenic Ministry of Education & Religious Affairs
 - iv. EDBM34 Development of Human Resources, Education and Lifelong Learning, Hellenic Ministry of Education & Religious Affairs
 - v. ELIDEK, Hellenic Research & Innovation Research Foundation, General Secretariat of Research & Technology (GSRT), Hellenic Ministry of Education & Religious Affairs
 - vi. AgroETAK, ELGO-DIMITRA, Hellenic Ministry of Rural Development and Food
 - vii. Excellence I, Hellenic Ministry of Education & Religious Affairs
 - viii. Research support scheme of postdoctoral scientists, Hellenic Ministry of Education & Religious Affairs
 - ix. Scientific knowledge actualization program of graduates from higher educational Institutions, Hellenic Ministry of Education & Religious Affairs
 - x. Research Committees of Universities of Thessaly & Patras & Aristotle Technological Institute
 - xi. EPAL II, Hellenic Ministry of Rural Development and Food
 - xii. HERACLETUS II, Hellenic Ministry of Education & Religious Affairs
 - **Research Projects (21):**

2017/18	<u>Project Leader:</u> EDBM34 (Biomonitoring of marine mammals in Eastern Mediterranean). Budget/Funding Body: 72,100€/Hellenic Ministry of Education & Religious Affairs-EU
2015/16	<u>Workpackage Leader:</u> AquaEXCEL 2020 "Biochemical mechanisms related to sole egg and larval quality" (BIOSOLE). Budget/Funding Body: 3,960€/DLO IMARES, Wageningen UR (University & Research Centre) -EU
2012-2015	<u>Project Leader:</u> THALES (Marine angiosperm tolerance on environmental stress: physiological-cellular-biochemical-molecular mechanisms related to species and habitat diversity). Budget/Funding Body: 512,820.50€/Hellenic Ministry of Education & Religious Affairs-EU
2010-2013	<u>Workpackage Leader:</u> TOTAL FOUNDATION (Brown algal biodiversity and ecology in the eastern Mediterranean Sea). Budget/Funding Body: 19,338.84€/National & Kapodistrian Univ. of Athens-EU
2008-2010	<u>Project Leader:</u> EPAL II (Fisheries gene pool assessment in Hellenic salt-marshes). Budget/Funding Body: 65,025.56€/Hellenic Ministry of Rural Development & Food-EU
2005-2008	<u>Project Leader:</u> PYTHAGORAS II (Population conservation genetics of the striped dolphin, <i>Stenella coeruleoalba</i> within the ACCOBAMS area). Budget/Funding Body: 89,981.81€/Hellenic Ministry of Education & Religious Affairs-EU
 - **Supervision/Co-supervision:**
 - i. (41) undergraduates
 - ii. (37) MSc postgraduates
 - iii. (08) PhD postgraduates
 - iv. (68) undergraduates on practical internship
 - v. (06) post-docs
 - **Citations:**
 - -348- / Total IF: 38.829 / h index: 9
 - Cited by 181 authors from 89 Academic Institutions & Universities worldwide
- (Sources: Scopus citation database, ISI Web of Knowledge & Publish or Perish v. 4.29)