

# Dimitrios Kyriakis

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*Master Student*

## Education

- 2016– **Master Degree**, *University of Crete*, Heraclion, “**Bioinformatics**”, School of Health Sciences Department of Medicine.  
Grade: **9.28**
- 2010–2016 **Bachelor Degree**, *Aristotle University of Thessaloniki*, Thessaloniki, “**Biology**”, Faculty of Science.  
Grade: **7.44**
- 2007–2010 **Degree**, *20th High School of Thessaloniki*, Thessaloniki, **18.5** (excellent).  
High School

## Master thesis

- title “*Scanning of genetic variants and genetic mapping of phenotypic traits in gilthead seabream through ddRAD sequencing data analysis*”
- supervisors G.Potamias, I.Tsamardinos, P.Pavlidis

## Bachelor thesis

- title “*Effect of exogenous lps administration on molecular mechanisms in gilthead seabream, Sparus aurata*”
- supervisors Efthymia Antonopoulou, Alexandros Triantafyllidis

## Professional Experience

- 07/2017– **Rotation**, *Computational Biology Lab*, IMBB,FORTH.  
10/2017 “*Modeling of Mossy Cells in Hippocampus*”.
- 09/2015– **Erasmus Internship**, *Wageningen UR Animal Breeding and Genetics laboratory*, Wageningen, Netherlands.  
2/2015 “*Transcriptome assembly and annotation of Yellow Tail King Fish*”.
- 09/2014– **Internship**, *HCMR*, Heraclion, Greece.  
11/2014 “*Preliminary study of genetic differentiation Sander lucioperca*  
Introduction to data analysis RNASeq.

## Publication

- 1 February 2018 **Journal:** Marine Genomics  
**Title:** Muscle and liver transcriptome characterization and genetic marker discovery in the farmed meagre, *Argyrosomus regius*  
**Authors:** Costas S. Tsigenopoulos\*, Tereza Manousaki, Alexandros Tsakogiannis, Jacques Lagnel, Dimitrios Kyriakis, Neil Duncan, Alicia Estevez
- 14 August 2017 **Journal:** Biology  
**Title:** In vivo effects of lipopolysaccharide on peroxisome proliferator activated receptor expression in the gilthead seabream (*Sparus aurata*)  
**Authors:** Efthymia Antonopoulou \*, Elisavet Kaitetzidou , Barbara Castellana , Nikolas Panteli , Dimitrios Kyriakis , Yoryia Vraskou , Josep V. Planas \*

## Conferences - Presentation

- 6/2015 "A first step for sustainable breeding programmes in pikeperch (*sander lucioperca*) through the evaluation of the genetic variation in domesticated broodstocks and natural populations". Tsaparis D., **Kyriakis D.**, Ekonomaki K., Darivianakis S., Fontaine P., Tsigenopoulos C.S. International symposium on genetics in aquaculture XII June 21st-27th, Santiago de Compostela, Spain 2015 p.132
- 5/2015 "Assessing genetic diversity in domesticated pikeperch (*Sander lucioperca*) broodstocks". Tsaparis D., **Kyriakis D.**, Darivianakis S., Fontaine P., Tsigenopoulos C.S. 11th Panellenic symposium of oceanography and fishing 2015
- 13/11-15/11/2014 "Effect of exogenous lps administration on molecular mechanisms in gilthead seabream, *Sparus aurata*". **Kyriakis D.**, Feidantsis K., Kaitetzidou E., Triantafyllidis A., Antonopoulou E.. HydroMedit 2014, 1st International Congress of Applied Ichthyology and Aquatic Environment November 13th-15th, Volos, Greece 2014 p.364-367.
- 8/5-10/5/2014 "Effect of lipopolysaccharide (LPS) on the tissues of sea bream (*Sparus aurata*) in post- translational level". **Kyriakis D.**, Feidantsis K., Kaitetzidou E., Triantafyllidis A., Antonopoulou E.. 36th Scientific Conference of the Greek Society for Biological Sciences, Iwanna, 14-16 May 2014 p. 174-175.

## Conferences - Participation

- 09/2017 Bioinformatics and its Applications in Health, Biodiversity and the Environment at the Foundation for Research and Technology Hellas (FORTH), Heraklion, Greece, 6-9 September 2017 (HBIO).

## Skills

Programming	Wet Lab	All the rest & some more
<ul style="list-style-type: none"><li>○ Python</li><li>○ Unix</li><li>○ R</li><li>○ HTML</li></ul>	<ul style="list-style-type: none"><li>○ RT-PCR</li><li>○ SDS-PAGE</li><li>Western-blot</li><li>○ DNA extraction</li><li>○ Dot Blot</li></ul>	<ul style="list-style-type: none"><li>○ MySQL</li><li>○ LaTeX</li><li>○ MS Office</li><li>○ Photoshop</li></ul>