

ΑΝΔΡΕΑΣ ΤΣΙΠΟΥΡΛΙΑΝΟΣ

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ΕΡΕΥΝΑ ΚΑΙ ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

7/10/2024- 28/2/2025

Μεταδιδακτορικός ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: DigiAgriFood – Digital Transformation and Green Transition of the Agri-Food Value Chain in Central and Northern Greece

Φορέας χρηματοδότησης: Horizon Europe 2021-2027

- Υποστήριξη για τη συνεργασία με ενδιαφερόμενους φορείς και την εκπαίδευση σχετικά με παραμέτρους εκτροφής στην ιχθυοκαλλιέργεια και την ανάλυση γενετικών δεικτών
- Συμμέτοχη σε δραστηριότητες διάδοσης, συμπεριλαμβανομένων αναφορών και εκδηλώσεων.

20/10/2021 – 27/11/2023

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: Fish_Superfoods – Development of New Functional Fish Superfoods for More Efficient Aquaculture

Φορέας χρηματοδότησης: Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (ΕΡΑΝΕΚ)

- Δειγματοληψία και χειρισμό δειγμάτων για μελέτες γονιδιακής έκφρασης (qPCR)
- Στατιστική ανάλυση και ερμηνεία των αποτελεσμάτων
- Διάδοση των ερευνητικών ευρημάτων μέσω εκθέσεων προόδου και παρουσιάσεων σε συνέδρια

20/04/2021 – 31/12/2021

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: Development and application of novel methods for fish harvesting and processing for quality improvement and shelf-life extension” (2018–2021)

Φορέας χρηματοδότησης: Greece and the European Union, European Maritime and Fisheries Fund in the context of the implementation of the Greek Operational Programme for Fisheries, Priority Axis “Innovation in Aquaculture”

- Δειγματοληψίες ιχθύων προ-συλλεκτικά και μετα-συλλεκτικά
- Whole genome resequencing και στη γονοτύπηση με MassARRAY

- Συλλογή και ανάλυση δεδομένων

1/11/2019 - 30/6/2021

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: SYNTHETIC BIOLOGY: FROM OMICS TECHNOLOGIES TO GENOMIC ENGINEERING (OMICENGINE)

Φορέας χρηματοδότησης: Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK)

- Φυλογενετική ανάλυση για τον εντοπισμό μελών γονιδιακών οικογενειών σε μεσογειακά είδη
- Διενέργεια πειραμάτων γονιδιακής έκφρασης με qPCR

20/05/2019 – 19/12/2019

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: Male Fertility: Genomics, Proteomics, and Diagnosis. From Bench to Patient (Fertilaid)

Φορέας χρηματοδότησης: Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK)

- Ανάλυση δεδομένων (RNAseq, Whole genome resequencing)
- διάδοση των ερευνητικών αποτελεσμάτων προς ενδιαφερόμενους φορείς

22/01/2018 – 30/04/2021

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: PerformFISH: Integrating Innovative Approaches for Competitive and Sustainable Performance across the Mediterranean Aquaculture Value Chain

Φορέας χρηματοδότησης: Horizon 2020

- Δειγματοληψία και χειρισμό δειγμάτων για διάφορες ερευνητικές μελέτες
- Whole genome resequencing, ανάλυση μικροδορυφόρων και μελέτες πληθυσμιακής δομής για τη διερεύνηση της γενετικής ποικιλότητας
- RNA sequencing και qPCR για την ανάλυση γονιδιακής έκφρασης
- Ανάλυση δεδομένων και στατιστική ανάλυση για την ερμηνεία των αποτελεσμάτων
- Διάδοση των ερευνητικών ευρημάτων μέσω επιστημονικών άρθρων, εκθέσεων και παρουσιάσεων σε συνέδρια

08/03/2017 – 30/11/2017

Νέος ερευνητής

Πανεπιστήμιο Θεσσαλίας

Έργο: Innovative Integrated Training in Healing Plants Business

Φορέας χρηματοδότησης: ERASMUS+

- Ανάπτυξη εκπαιδευτικό υλικό για μια διαδραστική διαδικτυακή πλατφόρμα, παρέχοντας πόρους και εργαλεία για την υποστήριξη επιχειρηματικών πρακτικών στον κλάδο των θεραπευτικών φυτών
- Συνεισφέρα στη δημιουργία της Διαδικτυακής Εγκυκλοπαίδειας Total Business Plants για την αποτελεσματική διάδοση των αποτελεσμάτων του έργου

ΔΙΔΑΚΤΙΚΗ ΚΑΙ ΕΚΠΑΙΔΕΥΤΙΚΗ ΕΜΠΕΙΡΙΑ

04/03/2025 – 26/07/2025

Διδάσκων

Πανεπιστήμιο Θεσσαλίας

Τμήμα Βιοχημείας & Βιοτεχνολογίας

Μάθημα: Μοριακή Οικολογία – Πληθυσμιακή Γενετική

07/10/2024 – 28/2/2025

Διδάσκων

Πανεπιστήμιο Θεσσαλίας

Τμήμα Βιοχημείας & Βιοτεχνολογίας

Μάθημα: Γενετική

26/02/2024 – 26/07/2024

Διδάσκων

Πανεπιστήμιο Θεσσαλίας

Τμήμα Βιοχημείας & Βιοτεχνολογίας

Μάθημα: Μοριακή Οικολογία – Πληθυσμιακή Γενετική

20/04/2022 – 30/09/2022

Βοηθός Διδασκαλίας

Πανεπιστήμιο Θεσσαλίας

Τμήμα Βιοχημείας & Βιοτεχνολογίας

Μάθημα: Μεταγωγή Σήματος – Κυτταρική Βιολογία – Γενετική του Ανθρώπου

ΕΚΠΑΙΔΕΥΣΗ ΚΑΙ ΚΑΤΑΡΤΙΣΗ:

13/05/2015 – 29/03/2024

ΔΙΔΑΚΤΟΡΙΚΟ ΣΤΗΝ ΕΞΕΛΙΞΗ ΚΑΙ ΤΗ ΓΕΝΕΤΙΚΗ

ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ, ΤΜΗΜΑ ΒΙΟΧΗΜΕΙΑΣ ΚΑΙ ΒΙΟΤΕΧΝΟΛΟΓΙΑΣ

Τίτλος διατριβής: "Molecular evolution of cellular energy production processes: comparative genomics and functional analysis"

DOI 10.12681/eadd/55752

25/10/2013 – 30/03/2015

ΜΕΤΑΠΤΥΧΙΑΚΟ ΔΙΠΛΩΜΑ “ Εφαρμογές Μοριακής Βιολογίας - Μοριακή Γενετική - Διαγνωστικοί Δείκτες ”

ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ, ΤΜΗΜΑ ΒΙΟΧΗΜΕΙΑΣ ΚΑΙ ΒΙΟΤΕΧΝΟΛΟΓΙΑΣ

Τίτλος διατριβής: " Πυρηνικά γονίδια OXPPOS: τι μας αποκαλύπτει η Αλληλούχηση Νέας Γενιάς (Next Generation Sequencing) "

24/09/2004 – 04/11/2013

ΠΤΥΧΙΟ ΒΙΟΧΗΜΕΙΑΣ ΚΑΙ ΒΙΟΤΕΧΝΟΛΟΓΙΑΣ

ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ, ΤΜΗΜΑ ΒΙΟΧΗΜΕΙΑΣ ΚΑΙ ΒΙΟΤΕΧΝΟΛΟΓΙΑΣ

Τίτλος διατριβής: " Συγκριτική ανάλυση του γονιδίου COXIII στο εύρος κατανομής του ευρωπαϊκού λαγού (*Lepus europaeus*)"

Δημοσιεύσεις

Tsipourlianos, A., Cardoso, J., Angelakopoulos, R., Kotoula, A., Power, D., Mamuris, Z., & Moutou, K. (2025). Regulatory Subfunctionalization drives OXPPOS evolution in teleosts. bioRxiv. <https://doi.org/10.1101/2024.07.30.605748>. (Currently under review in Journal of Evolutionary Biology)

Tsipourlianos, A., Angelakopoulos, R., Alexia E. A., Mitrizakis N., Giannoulis T., Papandroulakis N., Moutou K. (2025) The effect of early temperature and live feeds on the development of white muscle in greater amberjack (*Seriola dumerili*). (Currently under review in Fishes)

Angelakopoulos, R., **Tsipourlianos, A.**, Fytsili, A. E., Giannoulis, T., & Moutou, K. A. (2024). Impact of Harvest Method on Development of European Sea Bass Skin Microbiome during Chilled Storage. In Aquaculture Journal (Vol. 4, Issue 4, pp. 270–282). MDPI AG. <https://doi.org/10.3390/aquacj4040020>

Najafpour, B., Santos, S., Manchado, M., Vidal, A., **Tsipourlianos, A.**, Canário, A. V. M., Moutou, K. A., & Power, D. M. (2024). Insights into core molecular changes associated with metamorphosis in gilthead seabream larvae across diverse hatcheries. In Aquaculture (Vol. 590, p. 740979). Elsevier BV. <https://doi.org/10.1016/j.aquaculture.2024.740979>

Angelakopoulos, R., **Tsipourlianos, A.**, Fytsili, A. E., Papaharisis, L., Dimitroglou, A., Barkas, D., Mamuris, Z., Giannoulis, T., & Moutou, K. A. (2025). Red Blood Cell Transcriptome Reflects Physiological Responses to Alternative Nutrient Sources in Gilthead Seabream (*Sparus aurata*). Animals, 15(9), 1279. <https://doi.org/10.3390/ani15091279>

Angelakopoulos, R., **Tsipourlianos, A.**, Fytsili, A. E., & Moutou, K. A. (2025). Establishing the physiological values of minimally invasive biomarkers in gilthead sea bream (*Sparus aurata*). *Fishes*, 10(2), 52. <https://doi:10.3390/fishes10020052>

Angelakopoulos, R., **Tsipourlianos, A.**, Moutou, K. A., Fytsili, A. E., Tsingene, A., Galliopoulou, E., Dimitroglou, A. (2025). Selection of nonlethal early biomarkers to predict gilthead seabream (*Sparus aurata*) growth. *Aquaculture Nutrition*, 2025, 9918595. <https://doi:10.1155/anu/9918595>

Kourkouta, C., **Tsipourlianos, A.**, Papandroulakis, N., Moutou, K. A., & Koumoundouros, G. (2024). Ray-Resorption Syndrome in European Seabass, *Dicentrarchus labrax* (Linnaeus, 1758). In *Journal of Fish Diseases*. Wiley. <https://doi.org/10.1111/jfd.14042>

Avramouli, M., Savvas, I. K., Vasilaki, A., **Tsipourlianos, A.**, & Garani, G. (2024). Hybrid Quantum Neural Network Approaches to Protein–Ligand Binding Affinity Prediction. *Mathematics*, 12(15), 2372. <https://doi.org/10.3390/math12152372>

Angelakopoulos, R., **Tsipourlianos, A.**, Giannoulis, T., Mamuris, Z., & Moutou, K. A. (2024). MassArray Genotyping as a Selection Tool for Extending the Shelf-Life of Fresh Gilthead Sea Bream and European Seabass. In *Animals* (Vol. 14, Issue 2, p. 205). MDPI AG. <https://doi.org/10.3390/ani14020205>

Kourkouta, C., **Tsipourlianos, A.**, Power, D. M., Moutou, K. A., & Koumoundouros, G. (2022). Variability of key-performance-indicators in commercial gilthead seabream hatcheries. In *Scientific Reports* (Vol. 12, Issue 1). Springer Science and Business Media LLC. <https://doi.org/10.1038/s41598-022-23008-z>

Kalemkeridou, M., Nanas, I., Moutou, K., Amiridis, G. S., **Tsipourlianos, A.**, Dovolou, E., Mamuris, Z., & Giannoulis, T. (2022). Genetic diversity and thermotolerance in Holstein cows: Pathway analysis and marker development using whole-genome sequencing. In *Reproduction in Domestic Animals* (Vol. 58, Issue 1, pp. 146–157). Wiley. <https://doi.org/10.1111/rda.14274>

Giannoulis Th., Plageras D., Stamatis C., Chatzivagia E., **Tsipourlianos A.**, Birtsas P., Billinis C., Suchentrunk F., Mamuris Z.. Islands and hybrid zones: Combining the knowledge from “NaturalLaboratories” to explain phylogeographic patterns of the European brown hare. *BMC Evolutionary Biology* 2019 19:17, <https://doi.org/10.1186/s12862-019-1354-y>

Giannoulis T., Stamatis C., **Tsipourlianos A.**, Mamuris Z. : Mitogenomic analysis in European brown hare (*Lepus europaeus*) proposes genetic and functional differentiation between the distinct lineages. *Mitochondrial DNA A DNA Mapp Seq Anal.* 2017 Jan 27:1-8. doi: 10.1080/24701394.2016.1278540.

Amoutzias G., Giannoulis Th., Moutou K.A., Psarra A.M.G., Stamatis C., **Tsipourlianos A.**, Mamuris Z. : SNP identification through transcriptome analysis of the European brown hare (*Lepus europaeus*): cellular energetics and mother's curse . PLoS ONE 11(7): e0159939. doi:10.1371/journal.pone.0159939

Συμβόρια

A. Tsipourlianos, C. Kourkouta, A. Fitsili, L. Tzioga, S. Santos, B. Najafpour, D.M. Power, G. Koumoundouros, and K.A. Moutou. ESTABLISHING A MOLECULAR TOOL FOR EVALUATING LARVAL QUALITY IN THE COMMERCIAL PRODUCTION OF GILTHEAD SEABREAM AND EUROPEAN SEABASS. 8th Fish & Shellfish Larviculture Symposium, larvi 2024, September 9-12, 2024 Ostend, Belgium. (Oral presentation - Invited speaker)

Kourkouta Ch., **Tsipourlianos A.**, Papandroulakis N., Moutou K.A., Koumoundouros G.. Rayresorption syndrome in *Dicentrarchus labrax*. 8th Fish & Shellfish Larviculture Symposium, larvi 2024, September 9-12, 2024 Ostend, Belgium. (Poster)

R. Angelakopoulos, **A. Tsipourlianos**, T. Giannoulis, Z. Mamuris. and K.A. Moutou. A MASSARRAY TOOL FOR SELECTING BROODSTOCK IN MEDITERRANEAN FISH FOR PROLONGED FRESHNESS AND EXTENDED SHELF LIFE. 8th Fish & Shellfish Larviculture Symposium, larvi 2024, September 9-12, 2024 Ostend, Belgium. (Poster)

Tsipourlianos, A., Angelakopoulos, R., Kotoula, A., Mamuris, Z. and Moutou, K.A. EVOLUTIONARY DYNAMICS OF PARALOGOUS GENES IN OXIDATIVE PHOSPHORYLATION AND ONTOGENETIC REGULATION IN GILTHEAD SEABREAM (*Sparus aurata*). 7th International Symposium on Genomics in Aquaculture, GIA 2024, Thessaloniki, Greece. (Poster)

Angelakopoulos R., **Tsipourlianos A.**, Giannoulis T., Mamuris Z. and Moutou K.A. DIVERGENT EVOLUTIONARY PATHS AND ONTOGENIC REGULATION OF PROTEASES IN THE GENOME OF EUROPEAN SEA BASS (*Dicentrarchus labrax*). 7th International Symposium on Genomics in Aquaculture, GIA 2024, Thessaloniki, Greece. (Poster)

Rafael Angelakopoulos, **Andreas Tsipourlianos**, Alexia Fitsili, Themistoklis Giannoulis, Katerina A. Moutou. Species-specific skin microbiome in gilthead seabream and European seabass is strongly influenced by the rearing location. Mikrobiokosmos 2023. (Poster)

Tsipourlianos A., Fytsili A., Tsingene A., Angelakopoulos R., Fountoulaki E., Zarafeta D., Skretas G., Moutou K.A. Assessing the impact of plant bioactive compounds on the growth of seabream and seabass juveniles. Aquaculture Europe 2023, "Balanced Diversity in Aquaculture Development", EAS Conference. September 18-21, 2023, Vienna, Austria. pp. 1495-1496. (Poster)

Tsipourlianos A., Fytsili A., Tsingene A., Angelakopoulos R., Fountoulaki E., Zarafeta D., Skretas G., Moutou K.A. The effect of digested oligosaccharides as food additive on the growth of seabream and seabass juveniles. Aquaculture Europe 2023, "Balanced Diversity in Aquaculture

Development", EAS Conference. September 18-21, 2023, Vienna, Austria. pp. 1497-1498. (Poster)

Fytsili A., Tsiggene A., Cotou E., **Tsipourlianos A.**, Angelakopoulos R., Giannoulis T., Politakis N., Despotidi A., Moutou K.A. Unraveling the impact of plant-based sustainable fishfeeds on white muscle development in gilthead seabream: a comparative study. Aquaculture Europe 2023, "Balanced Diversity in Aquaculture Development", EAS Conference. September 18-21, 2023, Vienna, Austria. pp. 473-474. (Poster)

E. Cotou, N. Politakis, A. Despotidi, P. Tsoukali, **A. Tsipourlianos**, K.A. Moutou, E. Fountoulaki, I. Papadakis, S. Chatzifotis. INFLUENCE OF GENISTEIN & GENISTIN CONTENT FOUND IN SOYBEAN MEAL AND SOY PROTEIN CONCENTRATE ON GROWTH PERFORMANCE AND ANTIOXIDANT & LIPOGENIC BIOMARKERS IN GILTHEAD SEABREAM SPARUS AURATA. EAS Conference. September 18-21, 2023, Vienna, Austria. (Poster)

Moutou K.A., Fytsili A., **Tsipourlianos A.**, Angelakopoulos R., Giannoulis T., Mamuris Z. Developmental temperature affects the ontogeny of the circadian rhythm in gilthead sea bream (*Sparus aurata*). SEB centenary conference 2023. 4-7 JULY 2023, Edinburgh, UK. pp.73-74. (Poster)

Moutou K.A., Kotoula A., **Tsipourlianos A.**, Angelakopoulos R., Fytsili A., Mamuris Z. The effect of early temperature exposure on mitochondrial bioenergetics after whole genome duplication. SEB centenary conference 2023. 4-7 JULY 2023, EDINBURGH, UK. pp.80-81. (Poster)

Moutou K.A., Angelakopoulos R., Fytsili A., **Tsipourlianos A.**, Giannoulis T. Establishing the physiological values of noninvasive biomarkers in teleosts. SEB centenary conference 2023. 4-7 JULY 2023, EDINBURGH, UK. pp.130. (Poster)

Kotoula A., **Tsipourlianos A.**, Angelakopoulos R., Fytsili A., Giannoulis T., Mamuris Z., Moutou K.A. Exploring evolutionary dynamics of paralogous genes of the fifth complex of oxidative phosphorylation (ATP synthase) in Gilthead Seabream (*Sparus aurata*). 42nd Scientific Conference of Hellenic Association for Biological Sciences. May 18-20 2023, Thessaloniki, Greece. pp. 140-141. (Poster)

Fytsili A., **Tsipourlianos A.**, Angelakopoulos R., Giannoulis T., Moutou K.A. Temperature and developmental effects on circadian genes in European Seabass and Gilthead Seabream. 42nd Scientific Conference of Hellenic Association for Biological Sciences. May 18-20 2023, Thessaloniki, Greece. pp. 292-293. (Poster)

Fytsili A., Tsiggene A., **Tsipourlianos A.**, Angelakopoulos R., Giannoulis T., Cotou E., Moutou K.A. Gene markers reveal the effect of plant-based sustainable fishfeeds on muscle development mechanisms in Gilthead Seabream (*Sparus aurata*). World Aquaculture, "Supporting Strength in Aquaculture". May 29-June 1, 2023, Darwin, Australia. pp. 195. (Poster)

Moutou K.A., **Tsipourlianos A.**, Foundoulaki E., Stamatis H., Zarafeta D., Krikoni S., Sotiroudou T.G., Skretas G. Combining in vitro and in vivo methods to exploit circularity in fish farming. World Aquaculture, "Supporting Strength in Aquaculture". May 29-June 1, 2023, Darwin, Australia. pp. 194. (Poster)

Moutou K.A., **Tsipourlianos A.**, Angelakopoulos R., Fitsili A., Mitrizakis N., Papandroulakis N. Rearing temperature and live feeds influence the development of white muscle in greater amberjack. Aquaculture America 2023 “Food for the future”, February 23-26, 2023, New Orleans, Louisiana, USA. pp.385-386. (Poster)

Kotoula A., **Tsipourlianos A.**, Power D., M., Mamuris Z., Moutou K., A. Predicting the evolutionary trajectories of paralogs of the complex V of oxidative phosphorylation in *Dicentrarchus labrax*. Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 679-680. (Poster)

Angelakopoulos R., **Tsipourlianos A.**, Fitsili A., Giannoulis T., Mamuris Z., Moutou K., A. Massarray genotyping as a selection tool for extending shelf-life of gilthead seabream and European seabass. Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 897-898. (Poster)

Tsipourlianos A., Angelakopoulos R., Fitsili A., Mitrizakis N., Papandroulakis N., Moutou K., A. The influence of rearing temperatures and live feeds on white muscle development in greater amberjack. Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 899-900. (Poster)

Tsipourlianos A., Kourkouta Ch., Fytsili A., Tzioga L., Santos S., Najafpour B., Power D., M., Koumoundouros G., Moutou K., A. Development of a molecular index of larval quality for use in commercial production of gilthead seabream and European seabass. Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 1324-1325. (Oral presentation)

Tsipourlianos A., Angelakopoulos R., Mitrizakis N., Papandroulakis N., Power D., M., Mamuris Z., Moutou K., A. Effects of early temperature on the regulation of OXPHOS complex I in the ontogeny of gilthead seabream (*Sparus aurata*). Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 1326-1327. (Poster)

Angelakopoulos R., **Tsipourlianos A.**, Giannoulis T., Moutou K., A. Harvest method impacts the development of European seabass skin microbiome at storage. Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 1328-1329. (Poster)

Fytsili A., **Tsipourlianos A.**, Giannoulis T., Mitrizakis N., Papandroulakis N., Mamuris Z., Moutou K., A. Transcriptome analysis of opsin genes - delineation of their ontogenetic profile during early developmental stages in gilthead seabream (*Sparus aurata* L.). Aquaculture Europe 2022, “Innovative Solutions in a Changing World”, EAS Conference. September 27-30, 2022, Rimini, Italy. pp. 1330-1331. (Poster)

Ch. Kourkouta, **A. Tsipourlianos**, D.M. Power, Z. Mamuris, K.A. Moutou, G. Koumoundouros. VARIABILITY OF KEY PERFORMANCE INDICATORS IN COMMERCIAL GILTHEAD SEA BREAM HATCHERIES Aquaculture Europe Funchal, Madeira, 2021. (Poster)

Andreas Tsipourlianos, Lamprini Tzioga , Chara Kourkouta , Giorgos Koumoundouros , Nikos Papandroulakis, Deborah M. Power, Zissis Mamuris, Katerina A. Moutou. EFFECTS OF EARLY TEMPERATURE EXPOSURE ON MITOCHONDRIAL BIOENERGETICS OF EXERCISED METAMORPHOSING LARVAE OF GILT HEAD SEABREAM (*Sparus aurata*). Aquaculture Europe Funchal, Madeira, 2021. (Poster)

Andreas Tsipourlianos, Alexia Fytsili, Joao C. Cardoso, Zissis Mamuris, Deborah M. Power, Katerina A. Moutou. THE ONTOGENETIC PATTERNS OF OXPHOS GENE EXPRESSION IN EUROPEAN SEA BASS (*Dicentrarchus labrax*). Aquaculture Europe 2020, Online, 2021. (Poster)

A. Tsipourlianos, E. Galliopoulou, S. Sklaveniti, L. Papaharisis, K.A. Moutou: Comparative study of the effect of different capture methods on the activity of proteolytic enzymes in *Pagrus major* fillet. 17th Panhellenic Conference of Ichthyologists 31 October - 3 November 2019, Heraklion Crete. (Oral presentation)

A. Tsipourlianos, T. Gianoulis, D.M. Power, Z. Mamuris, K.A. Moutou : Microsatellite analysis of *Dicentrarchus labrax* and *Sparus aurata* populations of Mediterranean fish farms. 17th Panhellenic Conference of Ichthyologists 31 October – 3 November 2019, Heraklion Crete. (Oral presentation)

Katerina Moutou, **Andreas Tsipourlianos**, Themistoklis Giannoulis, Deborah M. Power, Zissis Mamuris MICROSATELLITE ANALYSIS OF *Dicentrarchus labrax* AND *Sparus aurata* POPULATIONS OF MEDITERRANEAN FISH FARMS. European Aquaculture Society 2019, October 7-10 2019, Berlin Germany. (Poster)

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