

Publications list (scientific Articles and book chapters)

1. Rimoldi, S., Gliozheni, E., Ascione, C., Gini, E., **Terova, G.** (2018) Effect of a specific composition of short- and medium- chain fatty acid 1-Monoglycerides on growth performances and gut microbiota of gilthead sea bream (*Sparus aurata*). PEERJ 6:e5355; DOI 10.7717/peerj.5355.
<https://peerj.com/articles/5355/>
2. Ceccotti, C., Giaroni, C., Bistoletti, M., Viola, M., Crema, F., **Terova, G.** (2018) Neurochemical characterization of myenteric neurons in the juvenile gilthead seabream (*Sparus aurata*) intestine. PLoS ONE 13(8): e0201760. <https://doi.org/10.1371/journal.pone.0201760>
3. **Terova, G.**, Rimoldi, S., Izquierdo, M., Pirrone, C., Ghrab, W., Bernardini, G. (2018) Nano-delivery of trace minerals for marine fish larvae: influence on skeletal ossification, and the expression of genes involved in intestinal transport of minerals, osteoblast differentiation, and oxidative stress response. FISH PHYSIOLOGY AND BIOCHEMISTRY. Vol 44, Issue 5, pp 1375-1391.
<https://dx.doi.org/10.1007/s10695-018-0528-7>
4. Rimoldi, S., **Terova, G.**, Ascione, C., Giannico, R., Brambilla, F., (2018). Next generation sequencing for intestinal microbiota characterization in rainbow trout (*Oncorhynchus mykiss*) fed animal by-product meals as an alternative to fishmeal protein sources. PLoS ONE 13(3): e0193652.
<https://doi.org/10.1371/journal.pone.0193652>
5. Forchino, A., Brambilla, F., Rimoldi, S., Saroglia, M., **Terova, G.** (2018). The application of two benthic indices to investigate the effects of land-based fish farms in coastal transitional ecosystems: two case studies in Tuscany region (Italy). AQUACULTURE INTERNATIONAL (Published on line 09 January 2018). Pages 1-13 ISSN: 09676120.
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6. Domínguez, D., Rimoldi, S., Robaina, L., Torrecillas, S., **Terova, G.**, Zamorano, M.J., Karalazos, V., Hamre K., Izquierdo, M. (2017). Inorganic, organic, and encapsulated minerals in vegetable meals based diets for *Sparus aurata* (Linnaeus, 1758). PEERJ 5:e3710-e3731. ISSN: 2167-8359. <https://doi.org/10.7717/peerj.3710.....>
7. Pérez-Sánchez, J., Terova G., Simó-Mirabet, P., Rimoldi, S., Ole Folkedal, O., Calduch-Giner, J. À., Olsen, R.E., Sitjà-Bobadilla, A. (2017). Skin mucus of gilthead sea bream (*Sparus aurata* L.). Protein mapping and regulation in chronically stressed fish. FRONTIERS IN PHYSIOLOGY. 8: 34.
<https://doi.org/10.3389/fphys.2017.00034>
8. Kwasek, K., Rimoldi, S., Cattaneo, AG., Parker, T., Dabrowski, K., **Terova, G.** (2017). The expression of hypoxia inducible factor-1 α gene is not affected by low oxygen conditions in yellow perch (*Perca flavescens*) juveniles. FISH PHYSIOLOGY AND BIOCHEMISTRY Vol. 43, Issue 3, pp 849-862.
<http://dx.doi.org/10.1007/s10695-017-0340-9>
9. Izquierdo, M., Ghrab, W., Roo, J., Hamre, K., Hernández-Cruz, C.M., Bernardini, G., **Terova, G.**, Saleh, R. (2017) Organic, inorganic, and nanoparticles of Se, Zn, and Mn in early weaning diets for

- gilthead seabream (*Sparus aurata*; Linnaeus, 1758). AQUACULTURE RESEARCH. Vol. 48, Issue 6, pp 2852–2867. <http://dx.doi.org/10.1111/are.13119>
10. **Terova, G.**, Díaz, N., Rimoldi, S., Ceccotti, C., Gliozheni, E., Piferrer, F. (2016). Effects of sodium butyrate treatment on histone modifications and the expression of genes related to epigenetic regulatory mechanisms and immune response in European sea bass (*Dicentrarchus labrax*) fed a plant-based diet. PLoS ONE 11(7): e0160332. <http://dx.doi.org/10.1371/journal.pone.0160332>
 11. Margheritis, E., Imperiali, F.G., Cinquetti, R., Vollero, A., **Terova, G.**, Rimoldi, S., Grimaldi, A., Bossi, E. (2016) Amino acid transporter *B⁰AT1* (*scl6a19*) and ancillary protein: impact on function. PFLÜGERS ARCHIV – EUROPEAN JOURNAL OF PHYSIOLOGY. Vol 468, Issue 8, pp 1363–1374. <http://dx.doi.org/10.1007/s00424-016-1842-5>
 12. Izquierdo, M., Ghrab, W., Roo, J., Hamre, K., Hernández-Cruz, C.M., Bernardini, G., **Terova, G.**, Saleh, R. (2016) Organic, inorganic, and nanoparticles of Se, Zn, and Mn in early weaning diets for gilthead seabream (*Sparus aurata*; Linnaeus, 1758). AQUACULTURE RESEARCH (in press). <http://dx.doi.org/10.1111/are.13119>
 13. Rimoldi, S., **Terova, G.**, Zaccone, G., Parker, T., Kuciel, M., Dabrowski, K. 2016. The effect of hypoxia and hyperoxia on growth and expression of hypoxia-related genes and proteins in spotted gar *Lepisosteus oculatus* larvae and juveniles. JOURNAL OF EXPERIMENTAL ZOOLOGY. PART B. MOLECULAR AND DEVELOPMENTAL EVOLUTION. 326B:250–267. <http://dx.doi.org/10.1002/jez.b.22680>
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 16. Montero, D., **Terova, G.**, Rimoldi, S., Betancor, M.B., Atalah, E., Torrecillas, S., Caballero, M.J., Zamorano, M.J., Izquierdo, M. (2015) Modulation of the expression of components of the stress response by dietary arachidonic acid in European sea bass (*Dicentrarchus labrax*) larvae. LIPIDS. Vol. 50. Issue 10: 1029–1041. <http://dx.doi.org/10.1007/s11745-015-4057-1>
 17. Rimoldi, S., Lasagna, E., Sarti, F.M., Marelli, S.P., Cozzi, M.C., Bernardini, G., **Terova, G.** (2015) Expression profile of six welfare-related genes in two chicken strains reared under heat stress conditions. META GENE. Vol 6:17–25. <http://dx.doi.org/10.1016/j.mgene.2015.08.003>
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