

LISTA DELLE PUBBLICAZIONI - TEROVA GENCIANA

Publicazioni su riviste indicizzate

1. Bruno, A., Sandionigi, A., Panio, A., Rimoldi, S., Orizio, F., Agostinetto, G., Hasan, I., Gasco, L., **Terova, G.**, Labra, M. (2023). Aquaculture ecosystem microbiota at the water-fish interface: the case-study of rainbow trout fed with *Tenebrio molitor* novel feed formulation. BMC MICROBIOLOGY (under review).
2. Torrecillas, S., Rimoldi, S., Montero, D., Serradell, A., Acosta, F., Fontanillas, R., Allal, F., Haffray P., Bajek A., **Terova, G.** (2023). Genotype x nutrition interactions in European sea bass (*Dicentrarchus labrax*): effects on gut health and intestinal microbiota. AQUACULTURE (in press).
3. Montero, D., Carvalho, M., **Terova, G.**, Fontanillas, R., Serradell, A., Ginés, R., Tuset, V., Acosta, F., Rimoldi, S., Bajek, A., Haffray, P., Allal, F., Torrecillas, S. (2023). Nutritional innovations in superior European sea bass (*Dicentrarchus labrax*) genotypes: implications on fish performance and feed utilization. AQUACULTURE. 572, 739486. <https://doi.org/10.1016/j.aquaculture.2023.739486>
4. Molinari, G.S., Wojno, M., **Terova, G.**, Wick, M., Riley, H., Caminiti, J.T., Kwasek, K. (2023). A Novel Approach in the Development of Larval Largemouth Bass *Micropterus Salmoides* Diets Using Largemouth Bass Muscle Hydrolysates as the Protein Source. ANIMALS, 13, 373. <https://doi.org/10.3390/ani13030373>
5. Rimoldi, S., Ceccotti, C., Brambilla, F., Faccenda, F., Antonini, M., **Terova, G.** (2023). Potential of shrimp waste meal and insect exuviae as sustainable sources of chitin for fish feeds. AQUACULTURE Vol. 567, 30 March 2023, 739256 <https://doi.org/10.1016/j.aquaculture.2023.739256>
6. Serradell, A., Montero, D., Fernández-Montero, Á., **Terova, G.**, Makol, A., Valdenegro-Vega, V.A.C., Acosta, F., Izquierdo, M.S., Torrecillas, S. (2022). Gills oxidative stress protection through the use of phytochemicals and galactomannan oligosaccharides as functional additives in practical diets for European sea bass (*Dicentrarchus labrax*) juveniles. ANIMALS, 12, 3332. <https://doi.org/10.3390/ani12233332>
7. Ceccotti, C., Biasato, I., Gasco, L., Caimi, C., Bellezza Oddon, S., Rimoldi, S., Brambilla, F., **Terova, G.** (2022). How different dietary methionine sources could modulate the hepatic metabolism in rainbow trout? CURRENT ISSUES IN MOLECULAR BIOLOGY 44, 3238–3252. <https://doi.org/10.3390/cimb44070223>
8. Palomba, A., Melis, R., Biossa, G., Braca, A., Pisanu, S., Ghisaura, S., Caimi, C., Biasato, I., Bellezza Oddon, S., Gasco, L., **Terova, G.**, Moroni, F., Antonini, M., Pagnozzi, D., Anedda, R. (2022). On the compatibility of fish meal replacements in aquafeeds for rainbow trout. A combined metabolomic, proteomic and histological study. FRONTIERS IN PHYSIOLOGY. METABOLIC PHYSIOLOGY. 13:920289. 29 June 2022; <https://doi.org/10.3389/fphys.2022.920289>
9. Biasato, I., Rimoldi, S., Caimi, C., Bellezza Oddon, S., Chemello, G., Prearo, M., Saroglia, M., Hardy, R., Gasco, L., **Terova, G.** (2022) Efficacy of utilization of all-plant-based and commercial low-fishmeal feeds in two divergently selected strains of rainbow trout (*Oncorhynchus mykiss*): focus on growth performance, whole-body proximate composition, and intestinal microbiome. FRONTIERS IN PHYSIOLOGY. AQUATIC PHYSIOLOGY. May 2022 | Volume 13 | Article 892550. <https://doi.org/10.3389/fphys.2022.892550>
10. Biasato, I., Chemello, G., Caimi, C., Bellezza Oddon, S., Capucchio, M.T., Colombino, E., Schiavone, A., Ceccotti, C., **Terova, G.**, Gasco, L. (2022) Taurine supplementation in

- plant-based diets for juvenile rainbow trout (*Oncorhynchus mykiss*): effects on growth performance, whole body composition, and histomorphological traits. ANIMAL FEED SCIENCE AND TECHNOLOGY. Vol. 289, July 2022, 115314 <https://doi.org/10.1016/j.anifeedsci.2022.115314>
11. Ceccotti, C., Bruno, D., Tettamanti, G., Branduardi, P., Bertacchi, S., Labra, M., Rimoldi, S., **Terova, G.** (2022). New value from food and industrial wastes - bioaccumulation of omega-3 fatty acids from an oleaginous microbial biomass paired with a brewery by-product using black soldier fly (*Hermetia illucens*) larvae. WASTE MANAGEMENT 143, 95-104. ISSN 0956-053X. <https://doi.org/10.1016/j.wasman.2022.02.029>
 12. Montero, D., Rimoldi, S., Torrecillas, S., Jorge Rapp, J., Moroni, F., Herrera, A., Gómez, M., Fernández-Montero, Á., **Terova, G.** (2022) Impact of polypropylene microplastics and chemical pollutants on European sea bass (*Dicentrarchus labrax*) gut microbiota and health. SCIENCE OF THE TOTAL ENVIRONMENT. Vol. 805. Article 150402. <https://doi.org/10.1016/j.scitotenv.2021.150402>
 13. Bosi, A., Banfi, D., Moroni, F., Ceccotti, C., Giron, M.C., Antonini, M., Giaroni, C., **Terova, G.** (2021) Effect of partial substitution of fishmeal with insect meal (*Hermetia illucens*) on gut neuromuscular function in Gilthead sea bream (*Sparus aurata*). SCIENTIFIC REPORTS. 11:21788 <https://doi.org/10.1038/s41598-021-01242-1>
 14. **Terova, G.**, Moroni, F., Antonini, M., Bertacchi, S., Pesciaroli, C., Branduardi, P., Labra, M., Porro, D., Ceccotti, C., Rimoldi, S. (2021) Using glycerol to produce European sea bass feed with oleaginous microbial biomass: effects on growth performance, fillet fatty acid profile, and FADS2 gene expression. FRONTIERS IN MARINE SCIENCE - AQUATIC PHYSIOLOGY. August 10, 2021, Volume 8, Article 715078. <https://doi.org/10.3389/fmars.2021.715078>
 15. Moroni, F., Naya-Català, F., Piazzon, MC., Rimoldi, S., Caldach-Giner, J., Giardini, A., Martínez, I., Brambilla, F., Pérez-Sánchez, J., **Terova, G.** (2021) The effects of nisin-producing *Lactococcus lactis* strain used as probiotic on gilthead sea bream (*Sparus aurata*) growth, gut microbiota, and transcriptional response. FRONTIERS IN MARINE SCIENCE - MARINE FISHERIES, AQUACULTURE AND LIVING RESOURCES. Research Topic: "Understanding the Interplay Between Diet, Feed Ingredients and Gut Microbiota for Sustainable Aquaculture." April 12, 2021. Vol. 8, Article 659519. <https://doi.org/10.3389/fmars.2021.659519>
 16. Fabiani, L., Saroglia, M., Galatà, G., De Santis, R., Fillo, S., Luca, V., Faggioni, G., D'amore, N., Regalbuto, E., Salvatori, P., **Terova, G.**, Moscone, D., Lista, F., Arduini, F. (2021). Magnetic beads combined with carbon black-based screen-printed electrodes for COVID-19: a reliable and miniaturized electrochemical immunosensor for SARS-CoV-2 detection in saliva. BIOSENSORS AND BIOELECTRONICS. 171: 112686 <https://doi.org/10.1016/j.bios.2020.112686>
 17. Torrecillas, S., **Terova, G.**, Makol, A., Serradell, A., Valdenegro, V., Izquierdo MS., Acosta, F., and Montero, D. (2021). Dietary phytogenics and galactomannan oligosaccharides in low fish meal and fish oil-based diets for European sea bass (*Dicentrarchus labrax*) juveniles: effects on gill structure and health and implications on oxidative stress status. FRONTIERS IN IMMUNOLOGY – NUTRITIONAL IMMUNOLOGY. Research Topic: "Oral Immune-Enhancing Research in Fish" May 12, 2021. Vol. 12, Article 663106. <https://doi.org/10.3389/fimmu.2021.663106>
 18. **Terova, G.**, Gini, E., Gasco, L., Moroni, F., Antonini, M., Rimoldi, S. (2021). Effects of full replacement of dietary fishmeal with insect meal from *Tenebrio molitor* on rainbow trout gut and skin microbiota. JOURNAL OF ANIMAL SCIENCE AND

<https://jasbsci.biomedcentral.com/articles/10.1186/s40104-021-00551-9>

19. Rimoldi, S., Antonini, M., Gasco, L., Moroni, F., **Terova, G.** (2021). Intestinal microbial communities of rainbow trout (*Oncorhynchus mykiss*) may be improved by feeding a *Hermetia illucens* meal/low-fishmeal diet. FISH PHYSIOLOGY AND BIOCHEMISTRY. 47(2), 365-380 <https://doi.org/10.1007/s10695-020-00918-1>
20. Huyben, D., Rimoldi, S., Ceccotti, C., Montero, D., Betancor, M., Iannini, F., **Terova, G.** (2020). Effect of dietary oil from *Camelina sativa* on the growth performance, fillet fatty acid profile and gut microbiome of gilthead Sea bream (*Sparus aurata*). PEERJ 8:e10430 <http://doi.org/10.7717/peerj.10430>
21. Domínguez, D., Montero, D., Robaina, L., Hamre, K., **Terova, G.**, Karalazos, V., Izquierdo, M. (2020) Effects of graded levels of minerals in a multi-nutrient package on Gilthead sea bream (*Sparus aurata*) fed a plant-based diet. AQUACULTURE NUTRITION 26:1007–1018. <https://doi.org/10.1111/anu.13057>
22. **Terova, G.**, Ceccotti, C., Ascione, C., Gasco, L., Rimoldi, S. (2020) Effects of partially defatted *Hermetia illucens* meal in rainbow trout diet on hepatic methionine metabolism. ANIMALS 10(6), 1059. <https://doi.org/10.3390/ani10061059>
23. Molinari, G.S., McCracken, V.J., Wojno, M., Rimoldi, S., **Terova, G.**, Kwasek, K. (2020) Can intestinal absorption of protein be improved through early exposure to plant-based diet? PLOS ONE. 15(6): e0228758. <https://doi.org/10.1371/journal.pone.0228758>
24. Rimoldi, S., Gini, E., Koch, J.F.A., Iannini, F., Brambilla, F., and **Terova, G.** (2020). Effect of hydrolyzed fish protein and autolyzed yeast as substitutes of fishmeal in the gilthead sea bream (*Sparus aurata*) diet, on fish intestinal microbiome. BMC VETERINARY RESEARCH. 16:118. <https://doi.org/10.1186/s12917-020-02335-1>
25. Rimoldi, S., Torrecillas, S., Montero, D., Gini, E., Makol, E., Valdenegro, V., Izquierdo, M., **Terova, G.** (2020). Assessment of dietary supplementation with galactomannan oligosaccharides and phytogenics on gut microbiota of European sea bass (*Dicentrarchus labrax*) fed low fishmeal and fish oil based diet. PLOS ONE 15(4): e0231494. <https://doi.org/10.1371/journal.pone.0231494>
26. Gasco, L., Acuti, G., Bani, P., Dalle Zotte, A., Danieli, P.P., De Angelis, A., Fortina, R., Marino, R., Parisi, G., Piccolo, G., Pinotti, L., Prandini, A., Schiavone, A., **Terova, G.**, Tulli, F., Roncarati, A, 2020. Insect and fish by-products as sustainable alternatives to conventional animal proteins in animal nutrition. ITALIAN JOURNAL OF ANIMAL SCIENCE. 19:1, 360-372. <https://doi.org/10.1080/1828051X.2020.1743209>
27. Kwasek, K., Wojno, M., Iannini, F., McCracken, V.J., Molinari, G.S., **Terova, G.** (2020) Nutritional programming improves dietary plant protein utilization in zebrafish *Danio rerio*. PLOS ONE (3):e0225917. <https://doi.org/10.1371/journal.pone.0225917>
28. Torrecillas, S., **Terova, G.**, Makol, A., Serradell, A., Valdenegro, V., Gini, E., Izquierdo MS., Acosta, F., and Montero, D. 2019. Dietary phytogenics and galactomannan oligosaccharides in low fish meal and fish oil-based diets for European sea bass (*Dicentrarchus labrax*) juveniles: Effects on gut health and implications on *in vivo* gut bacterial translocation. PLoS ONE 14(9): e0222063. <https://doi.org/10.1371/journal.pone.0222063>
29. Xu, H., Turkmen, S., Rimoldi, S., **Terova, G.**, Zamorano, M.J., Afonso, J.M., Sarih, S., Fernández-Palacios, H., Izquierdo, M. (2019). Nutritional intervention through dietary vegetable proteins and lipids to gilthead sea bream (*Sparus aurata*) broodstock affects the offspring utilization of a low fishmeal/fish oil diet. AQUACULTURE 513, 734402, 1-13. <https://doi.org/10.1016/j.aquaculture.2019.734402>

30. Ceccotti, C., Al-Sulaivany, B.S.A., AL Habbib O.A.M., Saroglia, M., Rimoldi, S., **Terova, G.** (2019) Protective effect of taurine from ROS production during forced swimming condition in European seabass (*Dicentrarchus labrax*). ANIMALS 9, 607-623. <https://doi.org/10.3390/ani9090607>
31. Cappelozza, S., Leonardi, G., Savoldelli, S., Carminati, D., Rizzolo, A., Cortellino, G., **Terova, G.**, Moretto, E., Badaile, A., Concheri, G., Saviane, A., Bruno, D., Bonelli, M., Casartelli, M., Tettamanti, G. (2019). A first attempt to produce proteins from insects by means of a circular economy. ANIMALS 9(5), 278. <https://doi.org/10.3390/ani9050278>
32. Rimoldi, S., Gini, E., Iannini, F., Gasco, L., **Terova, G.** (2019) The effects of dietary insect meal from *Hermetia illucens* prepupae on autochthonous gut microbiota of rainbow trout (*Oncorhynchus mykiss*). ANIMALS, 9(4), 143. <https://doi.org/10.3390/ani9040143>
33. **Terova, G.**, Rimoldi, S., Ascione, C., Ceccotti, C., Gini, E., Gasco, L. (2019) Rainbow trout (*Oncorhynchus mykiss*) gut microbiota is modulated by insect meal from *Hermetia illucens* prepupae in the diet. REVIEWS IN FISH BIOLOGY AND FISHERIES 29:465–486 <https://doi.org/10.1007/s11160-019-09558-y>
34. Bistoletti, M., Caputi, V., Baranzini, N., Marchesi, N., Filpa, V., Marsilio, I., Cerantola, S., **Terova, G.**, Baj, A., Grimaldi, A., Pascale, A., Frigo, G., Crema, F., Giron, M.C., Giaroni, C. (2019) Antibiotic treatment-induced dysbiosis differently affects BDNF and TrkB expression in the brain and in the gut. PLoS ONE 14(2):e0212856. <https://doi.org/10.1371/journal.pone.0212856>
35. 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/> DOI 10.7717/peerj.5355
36. 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>
37. **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>
38. 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>
39. 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. Vol. 26, Issue 2, pp 543–555 ISSN: 09676120. <https://doi.org/10.1007/s10499-017-0224-0>
40. 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>
41. 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>
42. Kwasek, K., Rimoldi, S., Cattaneo, A.G., 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>
 43. 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>
 44. **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>
 45. Rimoldi, S., Finzi, G., Ceccotti, C., Girardello, R., Grimaldi, A., Ascione, C., **Terova, G.** (2016) Butyrate and taurine exert a mitigating effect on the inflamed distal intestine of European sea bass fed with a high percentage of soybean meal. FISHERIES AND AQUATIC SCIENCES. 19:40. <http://dx.doi.org/10.1186/s41240-016-0041-9>
 46. Margheritis, E., Imperiali, F.G., Cinquetti, R., Vollero, A., **Terova, G.**, Rimoldi, S., Grimaldi, A., Bossi, E. (2016) Amino acid transporter *B⁰AT1* (*sc16a19*) 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>
 47. Rimoldi, S., **Terova, G.**, Zacccone, 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>
 48. Castellini, C., Dal Bosco, A., Mattioli, S., Davidescu, M., Corazzi, L., Macchioni, L., Rimoldi, S., **Terova, G.** (2016) Activity, expression and substrate preference of the Δ 6-desaturase in slow- or fast-growing rabbit genotypes. JOURNAL OF AGRICULTURE AND FOOD CHEMISTRY. Vol 64 (4), pp 792–800. <http://dx.doi.org/10.1021/acs.jafc.5b05425>
 49. Rimoldi, S., Benedito-Palos, L., **Terova, G.**, Perez-Sanchez, J. (2016) Wide-targeted gene expression approach to infer the tissue-specific molecular signatures of lipid metabolism in fed and fasted fish. REVIEWS IN FISH BIOLOGY AND FISHERIES. Vol.26:93-108. <http://dx.doi.org/10.1007/s11160-015-9408-8>
 50. 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>
 51. Rimoldi, S., Lasagna, E., Sarti, F.M., Marelli, S.P., Cozzi, M.C., Bernardini, G., **Terova, G.** (2015) Expression profile of six stress-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>

52. Roncarati A., Gasco, L., Parisi, G., **Terova, G.** (2015). Growth performance of common catfish (*Ameiurus melas* Raf.) fingerlings fed mealworm (*Tenebrio molitor*) diet. JOURNAL OF INSECTS AS FOOD AND FEED. Vol 1, Issue 3: 233-240. <http://dx.doi.org/10.3920/JIFF2014.0006>
53. Rimoldi, S., Bossi, E., Harpaz, S., Cattaneo, A.G., Bernardini, G., Saroglia, M., **Terova, G.** (2015). Intestinal B0AT1 (SLC6A19) and PEPT1 (SLC15A1) mRNA levels in European sea bass (*Dicentrarchus labrax*) reared in fresh water and fed fish and plant protein sources. JOURNAL OF NUTRITIONAL SCIENCE. Volume 4, e21 (13 pages) <http://dx.doi.org/10.1017/jns.2015.9>. PubMed ID:26097704
54. Montero, D., **Terova, G.**, Rimoldi, S., Tort, L., Negrin, D., Zamorano, M.J., Izquierdo, M. (2015) Modulation of adrenocorticotrophin hormone (ACTH)-induced expression of stress-related genes by PUFA in inter-renal cells from European sea bass (*Dicentrarchus labrax*). JOURNAL OF NUTRITIONAL SCIENCE. vol. 4, e16, (13 pages). <http://dx.doi.org/10.1017/jns.2015.6>
55. Kwasek, K., **Terova, G.**, Lee, B-J., Bossi, E., Saroglia, M., Dabrowski, K. (2014). Dietary methionine in salmonid fish feed alters the expression of genes involved in methionine metabolism. AQUACULTURE Vol. 433: 223-228 <http://dx.doi.org/10.1016/j.aquaculture.2014.05.031>
56. **Terova, G.**, Pisanu, S., Roggio, T., Preziosa, E., Saroglia, M., Addis, M.F. (2014) Proteomic profiling of sea bass muscle by two-dimensional gel electrophoresis and tandem mass spectrometry. FISH PHYSIOLOGY AND BIOCHEMISTRY. Vol. 40:311-322. <http://dx.doi.org/10.1007/s10695-013-9855-x>
57. Parisi, G., **Terova, G.**, Gasco, L., Piccolo, G., Roncarati, A., Moretti, V.M., Centoducati, G., Gatta, P.P., Pais, A. (2014). Current status and future perspectives of Italian finfish aquaculture. REVIEWS IN FISH BIOLOGY AND FISHERIES. Vol. 24:55-73. <http://dx.doi.org/10.1007/s11160-013-9317-7>
58. Margheritis, E., **Terova, G.**, Cinquetti, R., Peres, A., Bossi, E. (2013) Functional properties of a newly cloned fish ortholog of the neutral amino acid transporter B⁰AT1 (SLC6A19). COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART A: MOLECULAR & INTEGRATIVE PHYSIOLOGY. Vol. 166: 285–292. <http://dx.doi.org/10.1016/j.cbpa.2013.06.027>
59. Preziosa, E., Liu, S., **Terova, G.**, Gao, X., Liu, H., Kucuktas, H., Terhune, J., Liu, Z. (2013). Effect of nutrient restriction and re-feeding on calpain family genes in skeletal muscle of Channel catfish (*Ictalurus punctatus*). PLoS ONE. Vol.8 (3):1-10 e59404. <http://dx.doi.org/10.1371/journal.pone.0059404>
60. **Terova, G.**, Robaina, L., Izquierdo, M., Cattaneo, A.G., Molinari, S., Bernardini, G., Saroglia, M. (2013). PepT1 mRNA expression levels in sea bream (*Sparus aurata*) fed different plant protein sources. SPRINGER PLUS, 2:17. <http://dx.doi.org/10.1186/2193-1801-2-17>
61. Margheritis, E., **Terova, G.**, Oyadeyi, A.S., Renna, D., Cinquetti, R., Antonio Peres, A., Bossi, E. (2013) Characterization of the transport of lysine-containing dipeptides by PepT1 orthologs expressed in *Xenopus laevis* oocytes. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART A: MOLECULAR & INTEGRATIVE PHYSIOLOGY. Vol. 164, Issue 3, 520-528. <http://dx.doi.org/10.1016/j.cbpa.2012.12.016>.
62. **Terova, G.**, Rimoldi, S., Bernardini, G., Saroglia, M. (2013). Inhibition of -myostatin gene expression in skeletal muscle of fish by *in vivo* electrically mediated dsRNA and shRNAi delivery. MOLECULAR BIOTECHNOLOGY. Vol. 54(2), 673–684. <http://dx.doi.org/10.1007/s12033-012-9609-5>

63. **Terova, G.**, Rimoldi, S., Parisi, G., Gasco, L., Pais, A., Bernardini, G. (2013) Molecular cloning and gene expression analysis in aquaculture science: a review focusing on respiration and immune responses in European sea bass (*Dicentrarchus labrax*). *REVIEWS IN FISH BIOLOGY AND FISHERIES*. Vol. 23(2), 175-194. <http://dx.doi.org/10.1007/s11160-012-9290-6>
64. Izquierdo, M. S., Scolamacchia, M., Betancor, M., Roo, J., Caballero, M. J., **Terova, G.**, Witten, P. E. (2013) Effects of dietary DHA and α -tocopherol on bone development, early mineralisation and oxidative stress in *Sparus aurata* (Linnaeus, 1758) larvae. *BRITISH JOURNAL OF NUTRITION*. Vol. 109, Issue 10, 1796–1805. <http://dx.doi.org/10.1017/S0007114512003935>
65. Betancor, M.B., Izquierdo M., **Terova, G.**, Preziosa, E., Saleh, R., Montero, D., Cruz, C.M.H., Caballero M.J. (2013). Physiological pathways involved in nutritional muscle dystrophy and healing in European sea bass (*Dicentrarchus labrax*) larvae. *COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART A. MOLECULAR & INTEGRATIVE PHYSIOLOGY*. Vol. 164, 399-409. ISSN: 1095-6433. <http://dx.doi.org/10.1016/j.cbpa.2012.11.017>.
66. Betancor M.B., Caballero M.J, **Terova, G.**, Corà, S., Saleh R., Santana, T.B., Bell, J.G., Cruz, C.M.H., Izquierdo, M. (2012) Vitamin C enhances vitamin E status and reduces oxidative stress indicators in sea bass larvae fed high DHA microdiets. *LIPIDS*. Vol. 47, 1193–1207. <http://dx.doi.org/10.1007/s11745-012-3730-x>
67. Parisi, G., Centoducati, G., Gasco, L., Gatta, PP., Moretti, V., Piccolo, G., Roncararti, A., **Terova, G.**, Pais, A. (2012). Molluscs and echinoderms aquaculture: biological aspects, current status, technical progress and future perspectives for the most promising species in Italy. *ITALIAN JOURNAL OF ANIMAL SCIENCE*. 11:e72, 397-413. <http://dx.doi.org/10.4081/ijas.2012.e72>.
68. Casati, B., **Terova, G.**, Cattaneo, A.G., Rimoldi, S., Franzetti, E., de Eguileor, M., Tettamanti, G. (2012). Molecular cloning, characterization and expression analysis of Atg1 in the silkworm, *Bombyx mori*. *GENE*. Vol. 511, Issue 2, 326-337. <http://dx.doi.org/10.1016/j.gene.2012.09.086>
69. Betancor, M. B., Caballero, M.J., **Terova, G.**, Saleh, R., Atalah, E., Benítez-Santana J. T., Bell, G., Izquierdo, M. (2012). Selenium inclusion decreases oxidative stress indicators and muscle injuries in sea bass larvae fed high DHA microdiets. *BRITISH JOURNAL OF NUTRITION*. Vol 108 Issue 12, 2115 - 2128. <http://dx.doi.org/10.1017/S0007114512000311>
70. Kwasek K., **Terova, G.**, Wojno M., Dabrowski, K., Wick M. (2012). The effect of dietary dipeptide lysine-glycine on growth, muscle proteins, and intestine PepT1 gene expression in juvenile yellow perch. *REVIEWS IN FISH BIOLOGY AND FISHERIES*. Vol. 22, 797–812. <http://dx.doi.org/10.1007/s11160-012-9266-6>
71. Addis, M. F., Pisanu, S., Preziosa, E., Bernardini, G., Pagnozzi, D., Roggio, T., Uzzau, S., Saroglia, M, **Terova, G.** (2012). 2D DIGE/MS to investigate the impact of slaughtering techniques on postmortem integrity of fish filet proteins. *JOURNAL OF PROTEOMICS*. Vol 75, 3654-3664. ISSN: 1874-3919. <http://dx.doi.org/10.1016/j.jprot.2012.04.021>
72. Gambardella, C., Gallusa, L., Amaroli, A., **Terova, G.**, Masini, A., Ferrando, S. (2012) Fasting and re-feeding influence on leptin and aquaglyceroporin 9 in the liver of European sea bass (*Dicentrarchus labrax*). *AQUACULTURE*. Vol. 354-355, 1-6. <http://dx.doi.org/10.1016/j.aquaculture.2012.04.043>
73. Rimoldi, S., **Terova, G.**, Ceccuzzi, P., Marelli, S., Antonini, M., Saroglia, M. (2012). HIF-1 alpha mRNA levels in Eurasian perch (*Perca fluviatilis*) exposed to acute and chronic

- hypoxia. MOLECULAR BIOLOGY REPORTS. Vol 39, 4009-4015. ISSN: 0301-4851. <http://dx.doi.org/10.1007/s11033-011-1181-8>
74. Attia, J., Millot, S., Di-Poi, C., Bégout, M.L., Noble, C., Sanchez-Vazquez, F.J., Saroglia, M., **Terova, G.**, Damsgård, B. (2012). Demand feeding and welfare in farmed fish. FISH PHYSIOLOGY AND BIOCHEMISTRY. Vol 38, 107–118. ISSN: 0920-1742. <http://dx.doi.org/10.1007/s10695-011-9538-4>
 75. Conceição, L.E.C., Aragão, C., Dias, J., Costas, B., **Terova, G.**, Martins, C., Tort, L. (2012). Dietary nitrogen and fish welfare. FISH PHYSIOLOGY AND BIOCHEMISTRY. Vol 38, 119–141. <http://dx.doi.org/10.1007/s10695-011-9592-y>
 76. **Terova, G.**, Cattaneo, A.G., Preziosa, E., Bernardini, G., Saroglia, M. (2011). Impact of acute stress on antimicrobial polypeptides mRNA copy number in several tissues of marine sea bass (*Dicentrarchus labrax*). BMC IMMUNOLOGY 12:69. ISSN: 1471-2172. <https://doi.org/10.1186/1471-2172-12-69>
 77. Ceccuzzi, P., **Terova, G.**, Brambilla, F., Antonini, M., Saroglia, M. (2011). Growth, diet, and reproduction of Eurasian perch *Perca fluviatilis* L. in Lake Varese, North-Western Italy. FISHERIES SCIENCE. Vol 77, 533–545. ISSN: 0919-9268. <http://dx.doi.org/10.1007/s12562-011-0353-8>
 78. Verri, T., **Terova, G.**, Dabrowski, K., Saroglia, M. (2011). Peptide transport and animal growth: the fish paradigm. BIOLOGY LETTERS. August 23, 7: 597-600. ISSN: 1744-9561. <http://dx.doi.org/10.1098/rsbl.2010.1164>
 79. Forchino, A., Borjab, A., Brambilla, F., Rodríguez, J.G., Muxikab, I., **Terova, G.**, Saroglia, M. (2011). Evaluating the influence of off-shore cage aquaculture on the benthic ecosystem in Alghero Bay (Sardinia, Italy) using AMBI and M-AMBI. ECOLOGICAL INDICATORS. Vol. 11, 1112-1122 ISSN: 1470-160X. <http://dx.doi.org/doi:10.1016/j.ecolind.2010.12.011>
 80. **Terova, G.**, Addis, M.F., Preziosa, E., Pisanu, S., Pagnozzi, D., Biossa, G., Gornati, R., Bernardini, G., Roggio, T., Saroglia, M. (2011). Effects of *postmortem* storage temperature on sea bass (*Dicentrarchus labrax*) muscle protein degradation: analysis by 2-D DIGE and mass spectrometry. PROTEOMICS. Vol.11, 2901-2910. ISSN: 1615-9861. <http://dx.doi.org/10.1002/pmic.201100073>
 81. **Terova, G.**, Preziosa, E., Marelli, S., Gornati, R., Bernardini, G., Saroglia, M. (2011). Applying transcriptomics to better understand the molecular mechanisms underlying fish filet quality. FOOD CHEMISTRY. Vol 124, 1268-1276. ISSN: 0308-8146. <http://dx.doi.org/10.1016/j.foodchem.2010.07.061>
 82. Tognoli, C., Saroglia, M., **Terova, G.**, Gornati, R., Bernardini, G. (2011) Identification of fish species by 5S rRNA gene amplification. FOOD CHEMISTRY. Vol. 129, 1860–1864. ISSN: 0308-8146. <http://dx.doi.org/10.1016/j.foodchem.2011.05.133>
 83. Tognoli, C., Rossi, F., Di Cola, F., Baj, G., Tongiorgi, E., **Terova, G.**, Saroglia, M., Bernardini, G., Gornati, R. (2010) Acute stress alters transcript expression pattern and reduces processing of proBDNF to mature BDNF in *Dicentrarchus labrax*. BMC NEUROSCIENCE. Jan 14;11(1):4. ISSN: 1471-2202. <http://www.biomedcentral.com/1471-2202/11/4>
 84. Ceccuzzi, P., **Terova, G.**, Brambilla, F., Antonini, M., Saroglia, M. (2010). Observations of Eurasian perch (*Perca fluviatilis* L.) post-larvae growth *performances* reared in an illuminated floating cage in Varese Lake (N-W Italy) over a two years period. ITALIAN JOURNAL OF ANIMAL SCIENCE. Vol. 9:e14, 65-72. ISSN: 1594-4077. <http://dx.doi.org/10.4081/ijas.2010.e14>
 85. Saroglia, G., Caricato, G., Fritella, F., Brambilla, F., **Terova, G.** (2010). Dissolved oxygen regimen (PO_2) may affect osmo-respiratory compromise in European sea bass

- (*Dicentrarchus labrax*, L.). ITALIAN JOURNAL OF ANIMAL SCIENCE. Vol. 9:e15, 73-78. ISSN: 1594-4077. <http://dx.doi.org/10.4081/ijas.2010.e15>
86. Marelli, S.P, **Terova, G.**, Cozzi, M.C., Lasagna, E., Sarti, F.M., Cavalchini, G.L. (2010). Gene expression of hepatic glucocorticoid receptor NR3C1 and correlation with plasmatic corticosterone in Italian chickens. ANIMAL BIOTECHNOLOGY. Vol 21, 1–9. <http://dx.doi.org/10.1080/10495391003608621>
 87. Sangaletti, R, **Terova, G.**, Peres, A., Bossi, E., Corà, S., Saroglia, M. (2009). Functional expression of the oligopeptide transporter PepT1 from the sea bass (*Dicentrarchus labrax*). PFLUGERS ARCHIVES-EUROPEAN JOURNAL OF PHYSIOLOGY. Vol 459, 47–54. ISSN: 0031-6768. <http://dx.doi.org/10.1007/s00424-009-0700-0>. WOS :000271028700005.
 88. Ferrando S, Gambardella, C., Bottaro, M., Saroglia, M., **Terova, G.**, Tagliafierro, G. (2009). The compensatory growth in juveniles of sea bass. Gastric distributive pattern of molecules regulating metabolism. ANNALS OF THE NEW YORK ACADEMY OF SCIENCE. ISSUE TRENDS IN COMPARATIVE ENDOCRINOLOGY AND NEUROBIOLOGY, Vol 1163, 389–393. ISSN: 0077-8923, <http://dx.doi.org/10.1111/j.1749-6632.2009.04458.x>
 89. **Terova, G.**, Forchino, A., Rimoldi, S., Brambilla, F., Antonini, M., Saroglia, M. (2009). Bio-Mos®: An effective inducer of dicentracin gene expression in European sea bass (*Dicentrarchus labrax*). COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART B. Vol 153, Issue 4, 372-377. <http://dx.doi.org/10.1016/j.cbpb.2009.04.008>
 90. **Terova, G.**, Corà, S., Verri, T., Rimoldi, S., Bernardini, G., Saroglia, M. (2009). Impact of feed availability on PepT1 mRNA expression levels in sea bass (*Dicentrarchus labrax*). AQUACULTURE. Vol 294, 288-299. <http://dx.doi.org/10.1016/j.aquaculture.2009.06.014>
 91. Rimoldi, S., **Terova, G.**, Brambilla, F., Bernardini, G., Gornati, R., Saroglia, M. (2009). Molecular characterization and expression analysis of Na⁺/H⁺ exchanger (*NHE*)-1 and *c-Fos* genes in sea bass (*Dicentrarchus labrax*, L) exposed to acute and chronic hypercapnia. JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY. Vol. 375, 32-40. ISSN: 0022-0981. <http://dx.doi.org/10.1016/j.jembe.2009.05.002>
 92. **Terova, G.**, Rimoldi, S., Brambilla, F., Gornati, R., Bernardini, G., Saroglia, M. (2009). *In vivo* regulation of GLUT2 mRNA in sea bass (*Dicentrarchus labrax*) in response to acute and chronic hypoxia. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART B. Vol. 152, 306–316. ISSN: 1096-4959. <http://dx.doi.org/10.1016/j.cbpb.2008.12.011>
 93. **Terova, G.**, Rimoldi, S., Corà, S., Bernardini, G., Gornati, R., Saroglia, M. (2008). Acute and chronic hypoxia affects HIF-1 α mRNA levels in sea bass (*Dicentrarchus labrax*). AQUACULTURE. Vol 279, 150-159. <http://dx.doi.org/10.1016/j.aquaculture.2008.03.041>
 94. **Terova, G.**, Rimoldi, S., Bernardini, G., Gornati, R., Saroglia, M. (2008). Sea bass ghrelin: molecular cloning and mRNA quantification during fasting and refeeding. GENERAL AND COMPARATIVE ENDOCRINOLOGY. Vol 155/2, 341-351. ISSN: 0016-6480. <http://dx.doi.org/10.1016/j.ygcen.2007.05.028>
 95. Chini, V., Cattaneo, AG., Rossi, F., Bernardini, G., **Terova, G.**, Saroglia, M., Gornati, R. (2008). Genes expressed in blue fin tuna (*Thunnus thynnus*) liver and gonads. GENE. Vol 410, Issue 1, 207-213. <http://dx.doi.org/10.1016/j.gene.2007.12.012>
 96. Brambilla, F., Antonini, M., Ceccuzzi, P., **Terova, G.**, Saroglia, M. (2008). Foam fractionation efficiency in particulate matter and heterotrophic bacteria removal from a recirculating sea bass (*Dicentrarchus labrax*) system. AQUACULTURAL ENGINEERING. Vol 39, 37–42. <http://dx.doi.org/10.1016/j.aquaeng.2008.05.004>
 97. **Terova, G.**, Rimoldi, S., Larghi, S., Bernardini, G., Gornati, R., Saroglia, M. (2007) Regulation of progastricsin mRNA levels in sea bass (*Dicentrarchus labrax*) in response to

- fluctuations in food availability. *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*. Vol 363/3, 591-596. <http://dx.doi.org/10.1016/j.bbrc.2007.09.013>
98. **Terova, G.**, Rimoldi, S., Chini, V., Gornati, R., Bernardini, G., Saroglia, M. (2007). Cloning and expression analysis of insulin-like growth factor I and II in liver and muscle of sea bass (*Dicentrarchus labrax*, L) during long-term fasting and refeeding. *JOURNAL OF FISH BIOLOGY*. Vol 70 (Supplement B), 219–233. <http://dx.doi.org/10.1111/j.1095-8649.2007.01402.x>
 99. Rossi F., Chini V., Cattaneo AG., Bernardini G., **Terova G.**, Saroglia M., Gornati R. (2007): EST-based identification of genes expressed in perch (*Perca fluviatilis*, L.). *GENE EXPRESSION*. Vol. 14 (2), 117-127. <http://dx.doi.org/10.3727/105221607783417600>
 100. Brambilla, F., Lalumera, G., **Terova, G.**, Crosa, G., Saroglia, M. (2007). Inflow and outflow water quality control in coastal aquaculture systems: a case of study. *AQUACULTURE RESEARCH*. Vol 38, 1654-1663. <http://dx.doi.org/10.1111/j.1365-2109.2007.01834.x>
 101. **Terova, G.**, Bernardini, G., Binelli, G., Gornati, R., Saroglia, M. (2006). cDNA encoding sequences for myostatin and FGF6 in sea bass (*Dicentrarchus labrax*, L) and the effect of fasting and refeeding on their expression levels. *DOMESTIC ANIMAL ENDOCRINOLOGY*. Vol. 30/4, 304-319 <http://dx.doi.org/10.1016/j.domaniend.2005.08.003>
 102. Chini, V., Rimoldi, S., **Terova, G.**, Saroglia, M., Rossi, F., Bernardini, G., Gornati, R. (2006). EST-based identification of gene expressed in the liver of adult sea bass (*Dicentrarchus labrax*, L.). *GENE*. Vol 376, 102-106. <http://dx.doi.org/10.1016/j.gene.2006.02.010>
 103. **Terova, G.**, Gornati, R., Rimoldi, S., Bernardini, G., Saroglia, M. (2005). Quantification of a glucocorticoid receptor in sea bass (*Dicentrarchus labrax*, L) reared at high stocking densities. *GENE*. Vol 357 Issue 2, 144-151. <http://dx.doi.org/10.1016/j.gene.2005.06.016>
 104. Rinaldi, L., Basso, P., Tettamanti, G., Grimaldi, A., **Terova, G.**, Saroglia, M., DeEguileor, M. (2005). Oxygen availability causes morphological changes and a different VEGF/Flk-1/HIF-2 expression pattern in sea bass gills. *ITALIAN JOURNAL OF ZOOLOGY*. 72, 103-111. <http://dx.doi.org/10.1080/11250000509356660>
 105. Gornati, G., Papis, E., Rimoldi, S., Chini, V., **Terova, G.**, Prati, M., Saroglia, M., Bernardini, G. (2005) Molecular markers for animal biotechnology: sea bass (*Dicentrarchus labrax*, L) HMG-CoA reductase mRNA. *Gene*. Vol. 344, 299-305. <http://dx.doi.org/10.1016/j.gene.2004.11.007>
 106. Gornati, G., Papis, E., Rimoldi, S., **Terova G.**, Saroglia, M., Bernardini, G. (2004) Rearing density influences the expression of stress-related genes in sea bass (*Dicentrarchus labrax*, L). *Gene*. Vol. 341, pp. 111-118. <http://dx.doi.org/10.1016/j.gene.2004.06.020>
 107. Gornati R., **Terova G.**, Vigetti D., Prati M., Saroglia M., Bernardini G. (2004) Effects of population density on seabass (*Dicentrarchus labrax*, L) gene expression. *AQUACULTURE*. Vol 230, 229-239. [http://dx.doi.org/10.1016/S0044-8486\(03\)00426-5](http://dx.doi.org/10.1016/S0044-8486(03)00426-5)
 108. Saroglia, M., **Terova, G.**, De Stradis, A., Caputo, A. (2002) Morphometric adaptations of sea bass gills to different dissolved oxygen partial pressures. *JOURNAL OF FISH BIOLOGY*. 60:1423-1420. <http://dx.doi.org/10.1006/jfbi.2002.1945>
 109. Cecchini, S., Saroglia, M., Caricato, **Terova, G.**, Sileo, L. (2001) Effects of graded environmental hypercapnia on sea bass (*Dicentrarchus labrax*, L.) feed intake and acid-base balance. *AQUACULTURE RESEARCH*. Vol 32:499-502.
 110. Cecchini, S., Saroglia, M., Cognetti-Varriale, A.M., **Terova, G.**, Sabino, G. (2001) Effect of low environmental temperature on embryonic development and egg hatching of

- Diplectanum aequans* (Monogenea, Diplectanidae) infecting European Sea Bass, *Dicentrarchus labrax*. FISH PATHOLOGY. Vol 36 (1), 33-34.
111. Cecchini, S., Saroglia, M., **Terova G.**, Albanesi, F. (2001) Detection of antibody response against *Amyloodinium ocellatum* (Brown, 1931) in serum of naturally infected European sea bass by an enzyme-linked immunosorbent assay (ELISA). BULLETIN OF THE EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS. Vol 21(3): 104-108
 112. Saroglia, M., Cecchini, S., **Terova, G.**, Caputo, A., De Stradis A. (2000) Influences of environmental temperature and water oxygen concentration on gas diffusion distance in sea bass (*Dicentrarchus labrax*, L.). FISH PHYSIOLOGY AND BIOCHEMISTRY. Vol 23:55-58.
 113. Saroglia, M., Cecchini, S., **Terova, G.** (2000). Review of regulations and monitoring of Italian marine aquaculture. J. APPLIED ICHTHYOLOGY. Vol 16, Issue 4-5:182-186. <http://dx.doi.org/10.1046/j.1439-0426.2000.00271.x>
 114. Cecchini, S., **Terova, G.** Caricato, G. Saroglia, M. (2000) Lysozyme activity in embryos and larvae of sea bass (*Dicentrarchus labrax* L.), spawned by broodstocks fed with vitamin C enriched diets. BULLETIN OF THE EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS. Vol 20(3):120-124.
 115. Papp, G.Z., Saroglia, M., Jeney, Z., Jeney, G., **Terova, G.** (1999) Effects of dietary vitamin C on tissue ascorbate and collagen status in sturgeon hybrids (*Acipenser ruthenus* L x *Acipenser baeri* Brandt). J. APPLIED ICHTHYOLOGY. Vol 15, 258-260.
 116. Saroglia, M., Papp, Gy. ZS., Jeney, ZS., Jeney, G., Terova, G. (1999) Nitrite induced changes in ascorbate status of sturgeon hybrids (*Acipenser ruthenus* l. x *Acipenser baeri* l.) fed diets with different forms and doses of vitamin C. J. APPLIED ICHTHYOLOGY. Vol 15, Issue 4-5: 345-346. <http://dx.doi.org/10.1111/j.1439-0426.1999.tb00375.x>
 117. Papp, G. Z., Saroglia, M., **Terova, G.** (1998). An improved method for assay of vitamin C in fish feed and tissues. CHROMATOGRAPHIA. Vol 48, No. 1/2, July: 43-47.
 118. **Terova, G.**, Saroglia, G. Papp, Gy. Z., Cecchini, S. (1998). Dynamics of collagen indicating aminoacids, in embryos and larvae of sea bass (*Dicentrarchus labrax*) and gilthead sea bream (*Sparus aurata*) originating from broodstocks fed with different vitamin C content in the diet. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART A. Vol. 121:111-118.
 119. **Terova, G.**, Saroglia, G. Papp, Gy. Z., Cecchini, S. (1998). Ascorbate dynamics in embryos and larvae of sea bass and sea bream, originating from broodstocks fed supplements of ascorbic acid. AQUACULTURE INTERNATIONAL. 6:357-367.

Traduzione di libri dalla lingua inglese in italiano

1. van Huis, A., Van Itterbeeck, J., Klunder, H., Mertens, E., Halloran, A., Muir, G., Vantomme. (2017) Insetti commestibili: Prospettive future per la disponibilità di alimenti e di mangimi. FAO Forestry Paper No.171. Traduzione italiana curata da Laura Gasco e Julianna Parisi con i contributi di: Cappellozza, S., Danieli, PP., Gai F., Gasco, L., Manno, N., Paoletti, MG., Parisi, G., Piccolo, G., Roncarati, A., Schiavone, A., Speranza, S., **Terova, G.**, Tettamanti, G. Chiriotti Editori srl. EAN: 978-88-96027-32-5. ISBN: 8896027322. Pagine: 200. Formato: brossura. FAO, 2013 (English edition: Edible insects-future prospects for food and feed security. FAO Forestry Paper No.171.).

Capitoli di libri con referee, in lingua inglese

1. Tort, Lluís, Rotllant, J., Pavlidis, M., Montero, D., **Terova, G.** (2014). The response to stressors in the sea bass. In: *Biology of European sea bass*. Edited by J. F. Javier Sánchez Vázquez, José A. Muñoz-Cueto. CRC Press, Taylor and Francis group. pp. 374-400. ISBN: 9781466599451
2. **Terova, G.**, Corà, S., Verri, T., Gornati, R., Bernardini, G., Saroglia, M. Transcriptomics of the Compensatory Growth in European Sea Bass (*Dicentrarchus labrax*). (2012) In: *Functional Genomics in Aquaculture*. Edited by Marco Saroglia and Zhanjiang (John) Liu. pp. 113-128. ISBN: 978-0-470-96008-0. Wiley-Blackwell, a John Wiley & Sons, Ltd Publication
3. Tognoli, C., Gornati, R., Saroglia, M., **Terova, G.**, Bernardini, G. Functional Genomics of Stress: Molecular Biomarkers for Evaluating Fish CNS Activity. (2012) In: *Functional Genomics in Aquaculture*. Edited by Marco Saroglia and Zhanjiang (John) Liu. pp. 205-218. ISBN: 978-0-470-96008-0. Wiley-Blackwell, a John Wiley & Sons, Ltd Publication.
4. Verri, T., **Terova, G.**, Romano, A., Barca, A., Pisani, P., Storelli, C., Saroglia, M. (2012). The SoLute Carrier (SLC) Family Series in Teleost Fish. In: *Functional Genomics in Aquaculture*. Edited by Marco Saroglia and Zhanjiang (John) Liu. pp. 219-320. ISBN: 978-0-470-96008-0. Wiley-Blackwell, a John Wiley & Sons, Ltd Publication
5. **Terova, G.**, Rimoldi, S., Bernardini, G., Saroglia, M. (2009). Genes involved in the compensatory growth induced by refeeding in European sea bass (*Dicentrarchus labrax*). In: *Fisheries, Aquaculture and Biotechnology*. Edited by DevajaranThangadurai, Steven G.Hall, Arunachalam Manimekalan; Gabor Mocz. AgroBios (India), Jodhpur. ISBN No (10): 81-7754-381-4. ISBN No (13): 978-81-7754-381-0. pp. 59-101.
6. **Terova, G.**, Rimoldi, S., Gornati, R., Saroglia, M. (2009). Molecular response to stress in European Sea Bass (*Dicentrarchus labrax*). In: *Fisheries, Aquaculture and Biotechnology*. Edited by DevajaranThangadurai, Steven G.Hall, Arunachalam Manimekalan; Gabor Mocz. AgroBios (India), Jodhpur. ISBN No (10): 81-7754-381-4. ISBN No (13): 978-81-7754-381-0. pp. 209-245.
7. **Terova, G.**, Cecchini, S., Saroglia, M., Caricato, G., Jeney, Z. (2001). Live food mediated vitamin C transfer in sea bass (*Dicentrarchus labrax*, L.) during first feeding. In: *Ascorbic Acid in Aquatic Organisms. Status and Perspectives* (Ed. by K. Dabrowski). CRC Press LLC, Boca Raton, Florida. ISBN: 0-8493-9881-9. pp. 191-210.
8. Saroglia M, **Terova, G.**, Prati, M. (2007). Dissolved oxygen and gill morphometry. In: *Fish respiration and environment*. (Ed. by Fernandes, M.N., Rantin, F.T., Glass, M.L., Kapoor, B.G.). Science Publisher, Enfield, New Hampshire, U.S.A. Jersey, Plymouth, U.K. pp. 167-190.

Capitoli di libri in lingua italiana

1. Saroglia M., **Terova, G.** (2007). Controllo di alcuni importanti parametri di qualità dell'acqua negli allevamenti intensivi. In: Giovanni Baruchelli: *Tecniche di allevamento e trasformazione della trota*. S. MICHELE ALL'ADIGE, TN: Istituto Agrario di San Michele all'Adige (ITALY) (Ed.). pp. 51-70. ISBN: 978-88-7843-021-1.
2. Saroglia, G. **Terova, G.** (2009). Specie ittiche. In: *Etologia applicata e benessere animale*. Vol. 2. Parte speciale. Le Point Vétérinaire Italie (Ed.), pp. 205-219.
3. **Terova, G.** (2009). Specie Ittiche. In: C. Mancanzi, M. Panzera, (Eds.). *Etologia Applicata e Benessere Animale*. Vol. 2, pp. 206-217. ISBN: 978-88-95995-53-3. Milano: Le Point Veterinaire (Italy).

Pubblicazioni presentate come comunicazione orale a Congressi Internazionali

1. Rimoldi, S., Valsesia, V., Ponti, J., Saroglia, M., **Terova, G. (2022)**. Novel method for micro and nanoplastics detection, counting and characterization in raw ingredients for aquafeeds. AQUACULTURE EUROPE 2022. September 27-30, 2022. Rimini, Italy. In: Aquaculture Europe22 “Innovative solutions in a changing world”. Book of Abstracts, pp. 1130-1131.
2. Ceccotti, C., Biasato, I., Gasco, L., Caimi, C., Bellezza Oddon, S., Rimoldi, S., Brambilla, F., **Terova, G. (2022)**. The effects of five methionine forms on the growth performance and hepatic metabolism of rainbow trout (*Oncorhynchus mykiss*). AQUACULTURE EUROPE 2022. September 27-30, 2022. Rimini, Italy. In: Aquaculture Europe22 “Innovative solutions in a changing world”. Book of Abstracts, pp. 225-226.
3. Moroni, F., Montero, D., Rimoldi, S., Torrecillas, S., Herrera, A., Gómez, M., **Terova, G. (2022)**. The effect of polypropylene microplastics and chemical pollutants on European sea bass (*Dicentrarchus labrax*) gut microbiota. AQUACULTURE EUROPE 2022. September 27-30, 2022. Rimini, Italy. In: Aquaculture Europe22 “Innovative solutions in a changing world”. Book of Abstracts, pp. 889-890.
4. Ceccotti, C., Rimoldi, S., Bruno, D., Tettamanti, G., Branduardi, P., Labra, M., **Terova, G. (2022)**. The omega-3 retention in larvae of black soldier fly (*Hermetia illucens*) reared in a substrate of brewers’ spent grains supplemented with an oleaginous microbial biomass. XX INTERNATIONAL SYMPOSIUM ON FISH NUTRITION AND FEEDING TOWARDS PRECISION FISH NUTRITION AND FEEDING. 5th-9th June 2022. Sorrento, Italy. Book of Abstracts. O24, pp 17.
5. Serradell, A., Montero, D., Makol, M., **Terova, G.**, Acosta, F., Valdenegro, V., Fernández-Montero, Á., Torrecillas, S. (2022). Functional additives in practical diets for European sea bass (*Dicentrarchus labrax*) as stress protectors. XX INTERNATIONAL SYMPOSIUM ON FISH NUTRITION AND FEEDING TOWARDS PRECISION FISH NUTRITION AND FEEDING. 5th-9th June 2022. Sorrento, Italy. Book of Abstracts. O45, pp 32.
6. Rimoldi, S., Ceccotti, C., Antonini, M., Brambilla, F., Saroglia, M., **Terova, G. (2022)**. Potential of shrimp and insect exuviae as a source of chitin for sustainable aquaculture feeds. XX INTERNATIONAL SYMPOSIUM ON FISH NUTRITION AND FEEDING TOWARDS PRECISION FISH NUTRITION AND FEEDING. 5th-9th June 2022. Sorrento, Italy. Book of Abstracts. O46, pp 33.
7. Moroni, F., Rimoldi, S., Brambilla, F., Terova, G. (2022). The effects of probiotic *Lactococcus lactis* strain on gilthead sea bream (*Sparus aurata*) gut microbiota and transcriptional response. XX INTERNATIONAL SYMPOSIUM ON FISH NUTRITION AND FEEDING TOWARDS PRECISION FISH NUTRITION AND FEEDING. 5th-9th June 2022. Sorrento, Italy. Book of Abstracts. O69, pp 48.
8. Montero, D., Torrecillas, S., Rimoldi, S., Serradell, A. Fontanillas, R. Acosta, F., Allal, F., Haffray, P., Bajek, A., **Terova, G. (2021)**. Nutritional innovations in superior European sea bass (*Dicentrarchus labrax*) genotypes: implications in fish performance and gut health. AQUACULTURE EUROPE 2021. October 4-7, 2021. Funchal, Madeira. In: Aquaculture Europe21 “Oceans of opportunity”. Book of Abstracts, pp. 830-832.
9. Torrecillas S., Serradell A., Makol A., **Terova G.**, Gini E., Valdenegro V., Kalinowski T., Izquierdo MS., Acosta F., Montero D. (2019). Dietary prebiotics and phytogenics in low fish meal and fish oil based diets for European seabass *Dicentrarchus labrax*: an effective tool to boost mucosal tissues health and disease resistance. World Aquaculture Society Meeting “Aquaculture 2019-Aquaculture – The Big Easy Choice!” New Orleans, Louisiana, USA. March 7-11, 2019. Book of Abstracts, Oral presentations, pp 1100.
10. Torrecillas, S., Serradell, A., Makol, A., Terova, G., Gini, E., Valdenegro, V., Izquierdo MS., Acosta, F., and Montero, D. 2019. Dietary and phytogenics in low fish meal and fish oil diets for *Dicentrarchus labrax*: An effective tool to gut health and disease resistance. FISH &

- SHELLFISH IMMUNOLOGY 91, pp 465. Meeting Abstract: O-118. DOI: 10.1016/j.fsi.2019.04.272. <https://doi.org/10.1016/j.fsi.2019.04.272>
11. Kwasek, K., Wojno, M., McCracken, V., **Terova G.** (2019). Is the timing of nutritional programming critical to improve dietary plant protein utilization in fish? World Aquaculture Society Meeting “Aquaculture 2019-Aquaculture – The Big Easy Choice!” New Orleans, Louisiana, USA. March 7-11, 2019. Book of Abstracts, Oral presentations, pp 596.
 12. Torrecillas S., Serradell A., Makol A., **Terova G.**, Gini E., Valdenegro V., Kalinowski T., Izquierdo MS., Acosta F., Montero D. (2018). Dietary prebiotics and phytochemicals in low fish meal and fish oil based diets for European seabass *Dicentrarchus labrax*: an effective tool to boost mucosal tissues health and disease resistance. World and European Aquaculture Society Meeting “Aqua 2018”. Montpellier, France. August 25-29, 2018. Book of Abstracts, Oral presentations, pp 753. <https://www.was.org/meetings/>
 13. Gliozheni, E., Rimoldi, S., 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*). 18th International Symposium on Fish Nutrition and Feeding. Las Palmas de Gran Canaria, Spain. June 3rd-7th 2018. Book of Abstracts. Oral communications. Session 6.1. Nutrition and Health I. <http://www.isfnf2018.com>
 14. **Terova, G.**, Rimoldi, S., Ascione, C., Gliozheni, E., Brambilla, F. (2017) Impact of different sources of protein in the diet of rainbow trout *Oncorhynchus mykiss* on fish intestinal microbiome, growth performance and feeding parameters. Aquaculture Europe 2017. Cooperation for growth. International Conference and Exposition. October 17-20, Dubrovnik, Croatia. Book of abstracts, pp 1136. <https://www.aquaeas.eu/36-news/news/363-ae2017>
 15. Gliozheni, E., Díaz, M., Rimoldi, S., Piferrer, F., **Terova, G.** (2017) Histone modifications and the expression of genes related to epigenetic regulatory mechanisms and immune response in European sea bass *Dicentrarchus labrax* fed with a diet supplemented with sodium butyrate. Aquaculture Europe 2017. Cooperation for growth. International Conference and Exposition. October 17-20, Dubrovnik, Croatia. Book of abstracts, pp 1134. <https://www.aquaeas.eu/36-news/news/363-ae2017>
 16. Engrola, S., Lopes, A., Colen, R., Gonçalves, R., Teodósio, R., Fernandes, J.M.O., **Terova, G.**, Saroglia, M., Conceição, L.E.C. (2017) Gilthead seabream eggs high methionine exposure: targeting fish performance. Aquaculture Europe 2017. Cooperation for growth. International Conference and Exposition. October 17-20, Dubrovnik, Croatia. Book of Abstracts, pp 326. <https://www.aquaeas.eu/36-news/news/363-ae2017>
 17. Engrola, S., Lopes, A., Colen, R., Teixeira, H., Gonçalves, R., Teodósio, R., Aragão, C., Fernandes, J.M.O., **Terova, G.**, Saroglia, M., Dias, J., Conceição, L.E.C. (2016) Early methyl donor supplementation: preparing gilthead seabream towards a plant based diet. Aquaculture Europe 2016. 20th-23rd September. Edinburgh, United Kingdom. <http://www.easonline.org/39-uncategorised/346-aquaculture-europe-2016>
 18. Dominguez, D., Montero, D., Robaina, L.E., Hamre, K., **Terova, G.**, Karalazos, V., Izquierdo, M.S. (2016) Dietary minerals and vitamins requirements for gilthead seabream (*Sparus aurata*) juveniles fed diets high in vegetable ingredients. XVII Int. Symp. Fish Nutrition and Feeding, June 5-10, 2016, Sun Valley (Idaho, USA). <http://www.isfnf.com/>
 19. Corraze, G., Lazzarotto, V., Larroquet, L., Médale, F., Terova, G. (2016) Flesh quality of rainbow trout fed from first feeding until large size a totally plant-based diet. XVII Int. Symp. Fish Nutrition and Feeding, June 5-10, 2016, Sun Valley (Idaho, USA). <http://www.isfnf.com/>
 20. Montero, D., **Terova, G.**, Rimoldi, S., Tort, L., Negrin, D., Zamorano, M.J., Izquierdo, M. (2015) Modulation of adrenocorticotropin hormone (ACTH)-induced expression of stress related genes by pufa in interrenal cells from European sea bass (*Dicentrarchus labrax*). In: Book of

- abstracts. Aquaculture Europe 2015, Aquaculture, Nature and Society. Rotterdam, Netherlands, October 20-23, 2015
21. Montero, D., **Terova, G.**, Torrecillas, S., Caballero, M.J., Tort, L., Zamorano, M.J., Negrin, D., Izquierdo, M.S. (2015) Dietary fatty acids induce changes of the stress response in anterior kidney of European Sea Bass: time-course study on the expression of stress-related genes after in vitro ACTH stimulation. Oral communication presented at Aquaculture Conference “To the Next 40 Years of sustainable Global Aquaculture”. Las Palmas de Gran Canaria, Spain, July 3, 2015.
 22. Montero, D., Caballero, M.J., **Terova, G.**, Rimoldi, S., Torrecillas, S., Tort, L., Izquierdo, M.S. (2015) Effects of dietary lipids on cortisol metabolism and response of glucocorticoid receptors: a review. Oral communication presented at 17th International Conference on Diseases of Fish and Shellfish, Las Palmas de Gran Canaria, Spain, September 11th, 2015.
 23. Ghrab, W., Hernández-Cruz, C.M., Terova, G., Dias, J., Saleh, R., Hamre, R., Izquierdo, M.S. (2014). Delivery vectors for minerals at early life stages of marine fish. In: Aquaculture Europe 14 “Adding value”. Donostia San Sebastian, Spain 14 -17 October 2014. USB-Abstracts, pp. 501-503.
 24. Rimoldi, S., Benedito-Palos, L., Terova, G., Perez-Sanchez, J. (2014). The changing gene expression profile induced by fasting and refeeding in European sea bass *Dicentrarchus labrax*. In: Aquaculture Europe 14 “Adding value”. Donostia San Sebastian, Spain 14 -17 October 2014. USB-Abstracts, pp. 1079-1081.
 25. Terova, G., Kwasek, K., Lee, B.G., Saroglia, M., Dabrowski, K. (2014). Dietary methionine in salmonid fish feed alters the expression of genes involved in methionine metabolism. In: Aquaculture Europe 14 “Adding value”. Donostia San Sebastian, Spain 14 -17 October 2014. USB-Abstracts, pp. 1312-1314.
 26. Robaina, L.E., Domínguez, D., Torrecillas, S., Zamorano, M.J., Karalazos, V., Terova, G., Dias, J., Izquierdo, M. (2014). Delivery vectors for mineral supplementation in high vegetable meal diets for gilthead seabream (*Sparus aurata*). In: Aquaculture Europe 14 “Adding value”. Donostia San Sebastian, Spain 14 -17 October 2014. USB-Abstracts, pp. 1083-1085.
 27. Gasco, L., Belforti, M., Rotolo L., Lussiana, C., Parisi G., **Terova G.**, Roncarati A. and Gai, F. (2014) Mealworm (*Tenebrio molitor*) as a potential ingredient in practical diets for rainbow trout (*Oncorhynchus mykiss*). International Conference “Insects to Feed the World”. The Netherlands, Wageningen, 14 -17 May 2014.
 28. Kwasek, K., **Terova, G.**, Lee, B.J., Bossi, E., Saroglia, M., Dabrowski, K. (2014) Dietary methionine in salmonid fish feed alters the expression of genes involved in methionine metabolism. In: “Aquaculture America 2014”- Seattle, Washington, February 9 - 12, 2014. USB-Abstracts, pp. 1023.
 29. Rimoldi, S., **Terova, G.**, Ceccotti, C., Saroglia, M. (2013) Effects of butyrate-supplemented diet on histone acetylation status in European seabass (*Dicentrarchus labrax*). In: Proceedings of the EPICONCEPT Workshop 2013 Epigenetics for Improved Food Production: from Model to Practice. Sant Feliu de Guíxols, Spain, 13-16 October 2013. pp 51. COST Action FA1201. http://cost-epiconcept.eu/workshop_2013.html
 30. Rimoldi, S., **Terova, G.**, Bernardini, G., Saroglia, M., (2012) Gene silencing of myostatin in muscle of sea bass by *in vivo* electrically mediated dsrna and shrnai delivery. In: “Aqua 2012”- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 926.
 31. Bernardini, G., Vanetti, I., **Terova, G.**, Saroglia, M., Gornati, R. (2012) New technologies for aquaculture research are knocking at the door: “Do me a favor, open the door and let ‘em in”. In: “Aqua 2012”- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 123.

32. Brambilla, F., Franzolini, E., **Terova, G.**, Saroglia, M., (2012) Effects of different levels of vegetable meal inclusion in replacement for fish meal in practical diets for sea bass (*D. labrax*) on gut histology and nutrigenomic activity. In: "Aqua 2012"- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 161.
33. Scollo, G., **Terova, G.**, Rimoldi, S., Bernardini, G., Antonini, M., Saroglia, M., (2012) Does butyrate have a role in the protection of fish intestine? Results from a preliminary study on European sea bass (*D. labrax*). In: "Aqua 2012"- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 1002.
34. Saroglia, M., Terova, G. (2012) Correcting the pollution vs nutrition issue. In: "Aqua 2012"- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 1226.
35. Betancor, MB., Caballero, MJ., **Terova, G.**, Corà, S., Saleh, R., Benítez-Santana, T., Bell, JG., Izquierdo, MS. (2011) Dietary selenium inclusion decreases oxidative stress indicators and muscle injuries in sea bass larvae fed high dha microdiets. In: "Mediterranean Aquaculture 2020". Aquaculture Europe - the annual meeting of the European Aquaculture Society. October, 18-21 Rhodes, Greece. CD-ROM Abstracts, pp. 122-124.
36. **Terova, G.**, Preziosa, E., Marelli, S., Gornati, R., Bernardini, G., Saroglia, M. (2011). Effects of postmortem storage temperature on sea bass (*Dicentrarchus labrax*) muscle protein degradation: analysis by microfluidic capillary electrophoresis and Real-time PCR. In: "Mediterranean Aquaculture 2020". Aquaculture Europe - the annual meeting of the European Aquaculture Society. October, 18-21 Rhodes, Greece. CD-ROM Abstracts, pp. 1082-1084.
37. Conceição, L., Dias, J., Aragao, C., Costas, B., **Terova, G.**, Martins, C., Tort, L. (2010) Modulation of fish welfare through adequate dietary nitrogen formulations. In: "Aquaculture Europe 10-Seafarming tomorrow". The 10th Congress of the European Aquaculture Society. 5-9 October, Porto, Portugal. Abstracts pp. 329.
38. **Terova, G.**, Marelli, S., Bernardini, G., Saroglia, M. (2010). Sea bass hypoxia inducible factor (HIF)-1a: molecular cloning and mRNA quantification during acute and chronic hypoxia exposure. In: Abstracts of the 9th International Congress on the Biology of Fish. 5-9 July, Barcelona, Spain.
39. **Terova, G.**, Corà, S., Rimoldi, S., Bernardini, G., Saroglia, M. (2010). Impact of dietary manipulation on PepT1 mRNA expression levels in sea bass (*Dicentrarchus labrax*). In: *World Aquaculture 2010. Sustainable=Profitable. San Diego, California, U.S.A. March 1-5, 2010. Abstracts.* pp. 995.
40. Kwasek, K., Wojno, M., **Terova, G.**, Ostaszewska, T., Wick, M., Dabrowski, K. (2010). The effect of the dipeptide, Lys-Gly, supplement on growth, muscle protein and PepT1 gene expression in juvenile yellow perch. In: *World Aquaculture 2010. Sustainable=Profitable. San Diego, California, U.S.A. March 1-5, 2010. Abstracts.* pp. 552.
41. Bernardini, G., Gornati, R., **Terova, G.**, Saroglia, M. (2009). Molecular biology techniques make fish to speak. In: *World Aquaculture 2009 - a blue revolution to feed the world. Veracruz, Mexico, September 25-29, 2009. Book of abstracts.* pp. 142.
42. **Terova, G.**, Rimoldi, S., Corà, S., Bernardini, G., Saroglia, M. (2009). European sea bass genes involved in the compensatory growth induced by refeeding: molecular cloning and mRNA quantification via Real Time RT-PCR. In: *World Aquaculture 2009 - a blue revolution to feed the world. 2009 Veracruz, Mexico, September 25-29, 2009. Book of abstracts.* pp. 841.
43. **Terova, G.**, Gatta, PP., Rimoldi, S., Bernardini, G., Gornati, R., Saroglia, M. (2006). Myosin expression levels in sea bass (*Dicentrarchus labrax*) muscle: application of a new method for monitoring specific growth rates on different planes of nutrition. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 926.

44. Bernardini, G., Chini, Valentina., Rossi, F., **Terova, G.**, Saroglia, M., Gornati, R. (2006). EST projects for fish of economical interest for Mediterranean aquaculture. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp.78.
45. Gornati, R., **Terova, G.**, Saroglia, M., Bernardini, G. (2003) Rearing density influence sea bass (*Dicentrarchus labrax*) gene expression. In: *International Aquaculture Conference 2003 Verona 15th-16th October 2003. Ed. Fish farming in Mediterranean Europe: Quality for developing markets*, pp. 38.
46. Saroglia, M., **Terova, G.**, Caricato, G., Caputo, A., De Eguileor, M. (2002) Oxygen availability and gill morphology: is hyper oxygenation an advantage on the osmo-respiratory compromise? In: *Aquaculture Europe 2002 Sea farming today and tomorrow. Eds EAS special publication n°32 august 2002*, pp. 462-463.
47. Rinaldi, L., Grimaldi, A., Tettamanti, G., **Terova, G.**, Saroglia, M., Valvassori, R., De Eguileor, M. (2002) Oxygen partial pressure in water affects gills structural organization in Sea Bass *Dicentrarchus labrax*, L.:a preliminary study. In: *Aquaculture Europe 2002 Sea farming today and tomorrow. Eds EAS special publication n°32 august 2002*, pp. 441-442.
48. Monetti, C., Vigetti, D., Prati, M., Bernardini, G., **Terova, G.**, Saroglia M., Gornati, R. (2002) Fish welfare and molecular markers. In: *Aquaculture Europe 2002. Seafarming today and tomorrow. Special publication n°32 Eds EAS special publication n°32 august 2002*, pp. 357-358.
49. Saroglia, M., Cecchini, S., **Terova-Saroglia, G.**, Alireza, A. (2000). Effect of basin shape on the internal impacts of intensive sea bass and eel aquaculture in Italy. In: *Fish & Crustacean Nutrition Methodology - Proc. EIFAC Workshop, 1996, Szarvas, Hungary*, pp. 191-205.
50. Saroglia, M., Cecchini, S., **Terova, G.** (1998). Development of new rearing techniques for emergine species. In: *XXXIII International Symposium on New Species for Mediterranean Aquaculture, Alghero, 22nd-24th April 1998*, pp. 33-39.
51. Cecchini, S., **Terova, G.**, Saroglia, M. (1998). Possible parasitological problems connected with the exploitation of new species in Mediterranean aquaculture. In: *XXXIII International Symposium on New Species for Mediterranean Aquaculture, Alghero, 22nd-24th April 1998*, pp. 125-138.
52. Saroglia, M., Cecchini, S., **Terova, G.**, Filippi, G., Caricato, G., Jeney, Z. (1998). Live food mediated vitamin C transfer for Sea Bass (*Dicentrarchus labrax*) first feeding. In: *WAS Book of abstracts. "You can bet on aquaculture!" Bally's Las Vegas, Las Vegas, Nevada, USA. February 15-19*, pp. 469.
53. Papp, Gy.ZS., Jeney, Zs., Jeney, G., Saroglia, M., **Terova, G.** (1997). Dynamics of vitamin C concentrations in two fish species during nitrite stress. In: *Stress of life. Stress and adaptation from molecules to man. Abstracts. International Congress of Stress. Budapest, Hungary, July 1-5*, pp. G4-5.
54. Jeney, Zs., Jeney, G., Papp, Gy.ZS., Saroglia, M., **Terova, G.** (1997). Protective role of vitamin C against nitrite stress among two fish species. In: *Stress of life. Stress and adaptation from molecules to man. Abstracts. International Congress of Stress. Budapest, Hungary, July 1-5*, pp. G4-6.
55. Papp, Gy. ZS., Jeney, Zs., Saroglia, M., Jeney, G., Lipták, M., **Terova, G.** (1996). Vitamin C in European catfish (*Silurus glanis* L.) nutrition. In: *Future trends of aquaculture development in eastern europe. Handbook of short communications and national reports. EAS and Fish Culture Research Institute (HAKI) Budapest, Hungary, Sept 1-5*, pp. 48.
56. Saroglia, M., Zoccarato, I., **Terova-Saroglia, G.**, Palmegiano, G.B., Cecchini, S., Forneris, G., Pugliese, G. (1996). Nutritional value of farmed fish and human health. In: *G. Enne and G.F. Greppi (Eds.), Food and Health, role of Animal Products. XXXI Simposio Internazionale di Zootecnica. Sept. 13, Milan. Elsevier Press, Elsevier, Paris*, pp. 235-239.

57. Cecchini, S. **Terova-Saroglia, G.**, Saroglia, M. (1996). Submersible cages for Sea Bream, installed off-shore along Thyrrhenian coast. Preliminary zootechnical and pathological observations. In: *B. Chatain, M. Saroglia, J. Sweetman and P. Lavens (Eds.). Seabass and Sea Bream culture: Problems and Prospects. EAS, Oostende, Belgium*, pp. 251-253.
58. Papp, Gy. ZS., Saroglia, M., **Terova, G.** (1994). *In vitro* analysis of ascorbate phosphate phosphatase enzyme activity in liver and gut of fish with application of HPLC. In: *Book of abstracts - International Symposium on Chromatographic and Electrophoretic Techniques Bled '94, Bled, Slovenia, October 10-13*, pp. 121.
59. Saroglia, M., **Terova-Saroglia, G.**, Mazzatura, A., Cecchini, S. (1994). Tecnologia di allevamento ed impatti dell'acquacoltura: analisi di alcune situazioni nazionali. In: *"Parliamo di...acquacoltura" International Conference on Aquaculture, Fossano (Cuneo, Italia), 13-14 ottobre*, pp. 83-103.
60. Saroglia, M., Scarano, G., Bosco, M.R., **Terova, G.** (1993). Needs for vitamin C in food for Sea bass (*Dicentrarchus labrax*, L.) intensively reared in marine water. *EIFAC Workshop on Methodology for Determination of Nutrient Requirements in Fish*. Eichenau, Germany, 29/6 - 01/07 1993.

Publicazioni presentate come comunicazione orale a Congressi Nazionali.

1. Ceccotti, C., Rimoldi, S., Iannini, F., Terova, G. (2021). Evaluation of oil from *Camelina sativa* in feeds for gilthead sea bream (*Sparus aurata*): effects on fish growth, fillet fatty acid profile, and gut microbiota composition. ASPA (Animal Science and Production Association) 24th Congress, Padova (Italy), September 21-24, 2021. Italian Journal of Animal Science-Book of Abstracts. Vol.20: s1, pp. 26. <https://doi.org/10.1080/1828051X.2021.1968170>
2. Moroni, F., Rimoldi, S., Brambilla, F., **Terova, G.** (2019). Evaluation of lactic acid bacteria as probiotics for gilthead sea bream (*Sparus aurata*): effects on growth and intestinal morphology, transcriptional response, and microbiota. ASPA (Animal Science and Production Association) 24th Congress, Padova (Italy), September 21-24, 2021. Italian Journal of Animal Science-Book of Abstracts. Vol.20: s1, pp. 59. <https://doi.org/10.1080/1828051X.2021.1968170>
3. **Terova, G.**, Rimoldi, S., Gini, E., Iannini, F., Saroglia, M. (2019). Monoglycerides of short- and medium- chain fatty acids: effects on growth performances and gut microbiota of gilthead sea bream (*Sparus aurata*). ASPA (Animal Science and Production Association) 23rd Congress, Sorrento (Italy), June 11-14, 2019. Italian Journal of Animal Science-Book of Abstracts. Vol.18:s1, pp. 22. <https://doi.org/10.1080/1828051X.2019.1622269>
4. Rimoldi, S., Gasco, L., Ceccotti, C., Antonini, M., **Terova, G.** (2019). Black soldier fly (*Hermetia illucens*) larvae meal as a dietary protein source for rainbow trout (*Oncorhynchus mykiss*): effects on allochthonous and autochthonous gut microbial communities. ASPA (Animal Science and Production Association) 23rd Congress, Sorrento (Italy), June 11-14, 2019. Italian Journal of Animal Science-Book of Abstracts. Vol.18:s1, pp. 56. <https://doi.org/10.1080/1828051X.2019.1622269>
5. Ascione, C., Gliozheni, E., Ceccotti, C., Rimoldi, S., **Terova, G.**, (2017). Effects of dietary butyrate supplementation on histone modifications and the expression of inflammatory-related genes in European Sea bass (*Dicentrarchus labrax*). ASPA (Animal Science and Production Association) 22th Congress, Perugia (Italy), June 13-16, 2017. Italian Journal of Animal Science-Book of Abstracts. Vol.16:s1, 2017, pp. 121. <http://dx.doi.org/10.1080/1828051X.2017.1330232>
6. Ceccotti, C., Rimoldi, S., Ascione, C., **Terova, G.**, (2017). Effects of butyrate and taurine supplementation in European sea bass diet based on soybean meal. ASPA (Animal Science and

- Production Association) 22nd Congress, Perugia (Italy), June 13-16, 2017. Italian Journal of Animal Science-Book of Abstracts. Vol.16:s1, 2017, pp. 120. <http://dx.doi.org/10.1080/1828051X.2017.1330232>
7. **Terova, G.**, Rimoldi, S., Ascione, C., Gliozheni, E., Brambilla, F. (2017). Intestinal microbiota characterization by next generation sequencing in rainbow trout (*Oncorhynchus mykiss*) fed animal by-product meals as an alternative to fishmeal protein sources. ASPA (Animal Science and Production Association) 22nd Congress, Perugia (Italy), June 13-16, 2017. Italian Journal of Animal Science-Book of Abstracts. Vol.16:s1, 2017, pp. 87. <http://dx.doi.org/10.1080/1828051X.2017.1330232>
 8. Lasagna, E., Rimoldi, S., Ceccobelli, S., Marelli, S.P., Cozzi, M.C., Sarti, F.M., **Terova, G.** (2015). The genetic of welfare: gene expression and heat stress in chicken. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp. 7. **DOI:** 10.4081/ijas.2015.s1
 9. **Terova, G.**, Rimoldi, S., Bossi, E., Harpaz, S., Saroglia, M. (2015). Transcript quantification of intestinal neutral amino acids and oligopeptides transporters in European sea bass (*Dicentrarchus labrax*) reared in fresh water and fed fish and plant protein sources. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp. 8. **DOI:** 10.4081/ijas.2015.s1
 10. **Terova, G.**, Rimoldi, S., Kwasek, K., Saroglia, M. (2015). Dietary methionine in salmonid fish feed alters the expression of genes involved in methionine metabolism. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp. 8. **DOI:** 10.4081/ijas.2015.s1
 11. Rimoldi, S., **Terova, G.**, Benedito-Palos, L., Pérez-Sánchez, J. (2015) Lipid metabolism related gene expression in European sea bass (*Dicentrarchus labrax*): effects of fasting and refeeding. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp. 12. **DOI:** 10.4081/ijas.2015.s1
 12. Bernardini, G., Gornati, R., **Terova, G.**, Saroglia, M. (2015). Nanotechnology for animal production. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14:s1, 2015, pp. 29.
 13. Castellini, C., Dal Bosco, A., **Terova, G.**, Lasagna, E., Macchioni, L., Mattioli, S. (2015). Evaluation of the gene expression and Delta 6-desaturase activity in different chicken strains. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp. 85. **DOI:** 10.4081/ijas.2015.s1
 14. Ingle, E., **Terova, G.**, Cocumelli, C., Brambilla, F., Antonini, Rimoldi, S., Ceccotti, C., M., Saroglia, M. (2013) Evaluation of histological changes, diet related in gastrointestinal tract of sea bass (*Dicentrarchus labrax*). ASPA (Animal Science and Production Association) 20th Congress, Bologna (Italy), June 11-13, 2013. Italian Journal of Animal Science-Book of Abstracts. vol.12:s1, 2013:34
 15. Rimoldi, S., Forchino, A., **Terova, G.**, Brambilla, F., Antonini, M., Saroglia, M. (2011) Bio-mos®: an effective inducer of dicentracin gene expression in European sea bass (*Dicentrarchus labrax*). ASPA (Animal Science and Production Association) 19th Congress, Cremona (Italy) 7-10 June 2011. Italian Journal of Animal Science-Book of Abstracts. vol.10:s1, 2011:58
 16. **Terova, G.**, Corà, S., Rimoldi, S., Preziosa, E., Saroglia, M. (2011). Sea bass intestinal oligopeptide transporter (PepT)-1: molecular cloning and mRNA quantification during fasting and refeeding. ASPA (Animal Science and Production Association) 19th Congress, Cremona

- (Italy) 7-10 June 2011. Italian Journal of Animal Science-Book of Abstracts. vol.10:s1, 2011:59
17. Tognoli C., Rossi F., Tongiorgi E., Terova G., Saroglia M., Bernardini G., Gornati R. (2009) BDNF in *Dicentrarchus labrax*: valutazione delle varianti di splicing durante lo sviluppo. Gruppo Embriologico Italiano, Siena 28-30 settembre.
 18. Brambilla, F., Forchino, A., Antonini, M., Rimoldi, S., **Terova, G.**, Saroglia, M. (2009). Effect of dietary astaxanthin sources supplementation on muscle pigmentation and lipid peroxidation in rainbow trout (*Oncorhynchus mykiss*). *Proceedings of the ASPA 18Th Congress, Palermo, June 9-12*, Italian Journal of Animal Science. Vol 80/2: 845-847.
 19. **Terova, G.**, Rimoldi, S., Ceccuzzi, P., Brambilla, F., Antonini, M., Saroglia, M. (2009). Molecular characterization and *in vivo* expression of hypoxia inducible factor (HIF)-1alpha in sea bass (*Dicentrarchus labrax*) exposed to acute and chronic hypoxia. *Proceedings of the ASPA 18Th Congress, Palermo, June 9-12*, Italian Journal of Animal Science. Vol 80/2: 875-877.
 20. **Terova, G.**, Rimoldi, S., Gornati, R., Bernardini, G., Saroglia, M. (2008) Regolazione genica della grelina nella spigola (*Dicentrarchus labrax*) in risposta alle fluttuazioni nella disponibilità dell'alimento. *39° Congresso della Società Italiana di Biologia Marina. Cesenatico-Ravenna, 9-13 giugno 2008*. Biol. Mar. Meditt. Vol 15/1, 213-216.
 21. Brambilla, F., Pais, A., Forchino, A., Serra, S., Antonini, M., **Terova, G.**, Saroglia, M. (2008). Impatto dell'attività di maricoltura *off-shore* sull'ecosistema bentonico: caso studio in corso presso un'azienda ittica sarda (Rada di Alghero). In: *39° Congresso della Società Italiana di Biologia Marina. Cesenatico-Ravenna, 9-13 giugno 2008*, Biol. Mar. Meditt. Vol 15/1, 57-60.
 22. Ferrando, S., Bottaro, M., Ferraris, M., Rimoldi, S., **Terova, G.**, Saroglia, M., Tagliafierro, G. (2007). Immunolocalizzazione di molecole regolatrici dell'assunzione di cibo in *Dicentrarchus labrax* dopo digiuno e rialimentazione. In: *68° Congresso Nazionale Unione Zoologica Italiana (UZI), Lecce 24-27 Settembre 2007*, pp. 100-101.
 23. **Terova, G.**, Rimoldi, S., Gornati, R., Bernardini, G., Saroglia, M. (2007). Cloning and expression analysis of myostatin, fibroblast growth factor 6, insulin-like growth factor I and II in liver and muscle of sea bass (*Dicentrarchus labrax*) during long term fasting and refeeding. *Proceedings of the ASPA 17th Congress. Alghero, May 29-June 1*. ITALIAN JOURNAL OF ANIMAL SCIENCE. Vol 6(1):826-828.
 24. Brambilla, F., Pais, A., Serra, S., **Terova, G.**, Saroglia, M. (2007). A Meramod® model approach for the Environmental Impact Assessment (EIA) of the off-shore aquaculture improvement in the Alghero Bay (North western Sardinia, Italy). *Proceedings of the ASPA 17th Congress. Alghero, May 29-June 1*. ITALIAN JOURNAL OF ANIMAL SCIENCE. Vol 6(1):791-793.
 25. Terova, G., Ferrando, S., Bottaro, M., Tagliafierro, G., Rimoldi, S., Bernardini, G., Saroglia, M. (2006). Marcatori molecolari della crescita compensatoria in branzino (*Dicentrarchus labrax*), per il controllo della qualità in acquacoltura intensiva. In: *Il mare centralità d'interessi nel XXI secolo. 5° Convegno Nazionale per le Scienze del Mare, Viareggio 14-18 Novembre 2006*, pp 89.
 26. Brambilla, F., Pais, A., Serra, S., Terova, G., Saroglia, M. (2006). Valutazione dell'impatto (Meramod) della maricoltura costiera off-shore: caso studio in un'azienda ittica sarda (Rada di Alghero) In: *Il mare centralità d'interessi nel XXI secolo. 5° Convegno Nazionale per le Scienze del Mare, Viareggio 14-18 Novembre 2006*, pp 80.
 27. Ferrando, S., Bottaro, M., Terova, G., Rimoldi, S., Tagliafierro, Saroglia, M. (2006). Distribuzione immunoistochimica di molecole regolatrici dell'alimentazione e metabolismo nell'apparato digerente di *Dicentrarchus labrax* da acquacoltura. In: *Il mare centralità*

- d'interessi nel XXI secolo. 5° Convegno Nazionale per le Scienze del Mare, Viareggio 14-18 Novembre. pp 82.
28. Brambilla, F., Lalumera, G., Ceccuzzi, P., Crosa, G., Rossetti, C., **Terova, G.**, Saroglia, M. (2006). Incidenze dell'acquacoltura costiera sulla qualità delle acque salmastre. *Atti XXXVI Congresso SIBM, Trieste. 9-13 Maggio 2005. BIOL. MAR. MEDIT.* Vol 13(1): 278-287.
 29. Gornati, R., Chini, S., Rimordi, S., Papis, E., Prati, M., **Terova, G.**, Saroglia, M., Bernardini, G. (2005). EST projects in aquaculture: sea bass, red tuna and perch. *Proceedings of the ASPA 16th Congress. Torino June 28-30. ITALIAN JOURNAL OF ANIMAL SCIENCE.* Vol 4(2) : 568-570.
 30. **Terova, G.**, Gornati, R., Bernardini, G., Rimoldi, S., Saroglia, M. (2005). Molecular cloning and real-time quantification of a glucocorticoid receptor in sea bass (*Dicentrarchus labrax*, L) exposed to stress. *Proceedings of the ASPA 16th Congress. Torino June 28-30. ITALIAN JOURNAL OF ANIMAL SCIENCE.* Vol 4 (2):565-568.
 31. Ceccuzzi, P., Crosa, G., Lalumera, G., Brambilla, F., **Terova, G.**, Saroglia, M., (2004). Biologia riproduttiva ed ecologia delle popolazioni di pesce gatto (*I. melas*) nel lago di Varese. In: *Atti del 10° Congresso Nazionale Associazione Italiana Ittiologi Acque Dolci: "La gestione dell'ittiofauna per la tutela e la conservazione degli ambienti fluviali" Montesilvano (Pe) 2-3 Aprile 2004*, pp. 65.
 32. Bernardini, G., Gornati, R., **Terova, G.**, Saroglia, M., (2004). Stressato....come un pesce. In: *65° Congresso Nazionale Unione Zoologica Italiana. Riassunti dei contributi scientifici. Taormina-Giardini Naxos (ME) 21-25 settembre 2004*, pp. 21.
 33. Rinaldi, L., Grimaldi, A., Tettamanti, G., **Terova, G.**, Saroglia, M., Valvassori, R., DeEguileor, M. (2003). I livelli di ossigeno influenzano l'organizzazione strutturale delle branchie in *Dicentrarchus labrax*. In: *Atti XXXIII Congresso SIBM, Castelsardo (SS), 3-8 Giugno 2002. BIOL. MAR. MEDIT.* Vol. 10-fasc.2 – 2003 (parte seconda), pp. 1133-1135.
 34. Monetti, C., Vigetti, D., Prati, M., Bernardini, G., **Terova, G.**, Saroglia, M., and Gornati, R. (2003). I livelli di ossigeno influenzano l'espressione genica nelle branchie di *Dicentrarchus labrax*. In: *Atti XXXIII Congresso SIBM, Castelsardo (SS), 3-8 Giugno 2002. BIOL. MAR. MEDIT.* Vol. 10-fasc.2 – 2003 (parte seconda), pp. 468-469.
 35. **Terova, G.**, Caricato, G., Frittella, F., De Eguileor, M., Saroglia, M. (2003) Water oxygenation and osmo-respiratory compromise in sea bass (*Dicentrarchus labrax*, L). In: *Proceedings of the A.S.P.A. 15th Congress, Parma, June 18-20, 2003. ITALIAN JOURNAL OF ANIMAL SCIENCE.* VOL 2(1):610-612.
 36. Gornati R., **Terova, G.**, Bernardini G., Caricato G., Saroglia M. (2003) Effects of rearing density on Seabass (*Dicentrarchus labrax*, L) gene expression. In: *Proceedings of the A.S.P.A. 15th Congress, Parma, June 18-20, 2003. ITALIAN JOURNAL OF ANIMAL SCIENCE.* Vol 2(1):607-609.
 37. Summa, C., Caricato, G., Cecchini, S., **Terova, G.**, Saroglia, M. (2001) Compensatory growth in rainbow trout after starvation period and occurrences in fatty acid composition. In: *Proceedings of the A.S.P.A. XIV Congress, Firenze, 12-15 June 2001*; pp. 703-705.
 38. Saroglia, M., Cecchini, S., **Terova, G.**, Caputo, A., De Stradis, A. (1999). Effect of water oxygenation level on gas diffusion distance, in gills of sea bass (*Dicentrarchus labrax*, L). In: *Recent Progress in Animal Production Science.1. Proceedings of the A.S.P.A. XIII Congress. Piacenza, June 21-24. (Edited by G. Piva, G. Bertoni, F. Masoero, P. Bani, L. Calamari). Franco Angeli, Press*, pp. 764-766.
 39. Cecchini, S., **Terova, G.**, Filippi, G., Caricato, G. Saroglia, M. (1998). Risposta anticorpale della spigola (*Dicentrarchus labrax*, L.), allevata in differenti condizioni di ossigenazione. *Atti della S.I.S.V.E.T.*, vol. LII: 515-516.

40. Saroglia, M., Cecchini, S., **Terova, G.**, Caricato, A., De Stradis, A., (1998). Studio su alcuni meccanismi di adattamento del pesce eurialino alle condizioni di iperossigenazione, in relazione all'ottimizzazione zootecnica: primi risultati *BIOL. MAR. MEDIT.* Vol. 5(3), pp. 1688-1698.
41. Saroglia, M., Cecchini, S., **Terova, G.**, Alireza, A. (1998). Valutazione e minimizzazione dell'impatto ambientale dell'acquacoltura marina e salmastra. *BIOL. MAR. MEDIT.* Vol. 5(3), pp. 1675-1687.
42. Saroglia, M., Knight, M., **Terova, G.**, Cecchini, S. (1998). Ruolo dell'iperossigenazione e degli incrementi nutrizionali nella minimizzazione del rilascio di azoto dagli allevamenti intensivi di spigola (*Dicentrarchus labrax*, L.) *BIOL. MAR. MEDIT.* vol. 5(3), pp. 1669-1674.
43. Cecchini, S., **Terova, G.**, Caricato, G., Saroglia, M. (1997). Attività del lisozima in embrioni e larve di spigola (*Dicentrarchus labrax*, L.), provenienti da riproduttori alimentati con diete arricchite in vitamina C. *Atti della S.I.S.V.E.T.*, vol. LI: 749-750.
44. Cecchini, S., **Terova, G.**, De Gregorio, C. Saroglia, M. (1997). Applicazione in condizioni off-shore di un modello di calcolo per l'allevamento intensivo di orata. In: *Atti XII Congresso Nazionale ASPA. Pisa, 23-26 giugno*, pp. 423-424.
45. **Terova, G.**, Saroglia, M., Papp, Z. Gy., Cecchini, S. (1997). Influenza della vitamina C nella dieta dei riproduttori, sulla dinamica di alcuni aminoacidi in embrioni e larve non alimentate di spigola e di orata. In: *Atti XII Congresso Nazionale ASPA. Pisa, 23-26 giugno*, pp. 397-398.
46. Saroglia-**Terova, G.**, Papp, Z. Gy., Saroglia, M., Jeney, Z. (1996). Comparazione sull'efficienza di forme commerciali di acido ascorbico nella sintesi di collagene in pesce gatto europeo (*Silurus glanis*). In: *Atti del Convegno Nazionale "Il contributo dei progetti di ricerca allo sviluppo dell'Acquacoltura nazionale", Udine, 17-19 giugno*, pp. 24.
47. Saroglia, M., Cecchini, S., **Terova, G.**, Repole, F., Margiotta, M.R., Alireza, A. (1996). Contributo dei progetti di ricerca dell'Università della Basilicata allo sviluppo dell'Acquacoltura nazionale. In: *Atti del Convegno Nazionale "Il contributo dei progetti di ricerca allo sviluppo dell'Acquacoltura nazionale", Udine, 17-19 giugno*, pp. 64.
48. **Terova-Saroglia, G.**, Papp, Gy, Z., Saroglia, M., Jeney, Z. (1995). Comparative digestibility of some commercial forms of vitamin C in Sea Bass (*Dicentrarchus labrax*, L.) and a Sturgeon hybrid (*Arcipenser ruthenus*, L. x *A. baeri*, L.). *Atti del XI Congresso ASPA, Grado (GO), 19-22 giugno*, pp. 19-20.
49. Saroglia, M., **Terova-Saroglia, G.**, Knight, M., Cecchini, S. (1995). Ruolo dell'iperossigenazione e della salinità su alcune *performances* zootecniche di spigola (*Dicentrarchus labrax*, L.). *Atti del XI Congresso ASPA, Grado (GO), 19-22 giugno*, pp. 49-50.
50. Saroglia, M., **Terova, G.**, Papp, Gy. Z. (1994). Stato nutrizionale ed accumulo di vitamine C nei pesci di alcuni allevamenti italiani. *Atti S.I.S.V.E.T.*, Vol. XLVIII, pp. 1871-1874.

Publicazioni presentate come poster a Congressi Internazionali

1. Torrecillas, S., **Terova, G.**, Serradell, A., Rimoldi, S., Acosta, F., Hostins, B., Fontanillas, R., Allal, F., Haffray, P., Bajek, A., Castro, P., Montero, D. (2022). Nutritional innovations in superior european sea bass (*Dicentrarchus labrax*) genotypes: effects of functional feeds on fish performance, disease resistance and gut health. *AQUACULTURE EUROPE 2022. September 27-30, 2022. Rimini, Italy.* In: *Aquaculture Europe22 "Innovative solutions in a changing world". Book of Abstracts*, pp. 1305-1306.

2. Moroni, F., Ceccotti, C., Antonini, M., **Terova, G.** (2022) Physiological effects of partial substitution of fishmeal with *Hermetia illucens* meal in gilthead sea bream (*Sparus aurata*). XX INTERNATIONAL SYMPOSIUM ON FISH NUTRITION AND FEEDING TOWARDS PRECISION FISH NUTRITION AND FEEDING. 5th-9th June 2022. Sorrento, Italy. Book of Abstracts. M54, pp 94.
3. Moroni, F., Naya-Català, F., Piazzon, M.C., Rimoldi, S., Calduch-Giner, J., Brambilla, F., Pérez-Sánchez, J., **Terova, G.** (2021). Evaluating *Lactococcus lactis* strain as probiotics for gilthead sea bream (*Sparus aurata*): effects on growth performance, intestinal morphology, transcriptional response and gut microbiota. AQUACULTURE EUROPE 2021. October 4-7, 2021. Funchal, Madeira. In Aquaculture Europe21 “Oceans of opportunity”. Book of Abstracts, pp.840-842.
4. **Terova, G.**, Gasco, L., Moroni, F., Antonini, M., Saroglia, M., Rimoldi, S. (2021) Effects of full replacement of dietary fishmeal with insect meal from *Tenebrio molitor* on rainbow trout gut and skin microbiota. Aquaculture Europe 2020. April 12 - 15, 2021 – Virtual International Conference & Exposition. ePoster. Book of abstracts, pp. 577-578. https://www.aquaeas.eu/images/stories/Meetings/AE2020/AE20_Abstracts_FINAL.pdf
5. Rimoldi, S., Torrecillas, S., Montero, D., Serradell, A., Fontanillas, R., **Terova, G.** (2021) Assessment of a “future practical” diet on gut microbiota of genetically selected or not selected strain of european sea bass (*Dicentrarchus labrax*). Aquaculture Europe 2020. April 12 - 15, 2021 – Virtual International Conference & Exposition. ePoster. Book of abstracts, pp 497-498. https://www.aquaeas.eu/images/stories/Meetings/AE2020/AE20_Abstracts_FINAL.pdf
6. **Terova, G.**, Rimoldi, S., Gini, E., Gasco, L., Saroglia, M. (2019). Impact of insect protein in the diet of rainbow trout (*Oncorhynchus mykiss*) on fish growth performance and gut microbiome. Aquaculture Europe’19 “Our future-growing from water”. Berlin, Germany. October 7-10, 2019. Book of Abstracts, Poster presentations, 1493-1495. https://www.aquaeas.eu/images/stories/Meetings/AE2019/AE19_Abstracts_FINAL_web.pdf
7. Rimoldi, S., Gini, E., **Terova, G.**, Saroglia, M. (2019). New functional feed supplement: effects of dietary yeast autolysate on intestinal microbial communities of sea bream (*Sparus aurata*). Aquaculture Europe’19 “Our future-growing from water”. Berlin, Germany. October 7-10, 2019. Book of Abstracts, Poster presentations, 1292-1294. https://www.aquaeas.eu/images/stories/Meetings/AE2019/AE19_Abstracts_FINAL_web.pdf
8. Ceccotti C., AL Sulivany B.S.A., Antonini M., Saroglia M., **Terova G.** (2018). The dietary taurine addition in fish feed; its protective role to the reactive oxygen species (ROS) production in the European seabass (*Dicentrarchus labrax*) during a forced swimming test. World and European Aquaculture Society Meeting “Aqua 2018”. Montpellier, France. August 25-29, 2018. Book of Abstracts, Poster presentations, pp 154. <https://www.was.org/meetings/>
9. Rimoldi S., Ascione C., Gini E., Saroglia M., **Terova G.** (2018). New functional feed ingredient: effects of dietary yeast autolysate on intestinal microbial communities of sea bream *Sparus aurata*. World and European Aquaculture Society Meeting “Aqua 2018”. Montpellier, France. August 25-29, 2018. Book of Abstracts, Poster presentations, pp 638. <https://www.was.org/meetings/>
10. Ascione C., Gini E., Rimoldi S., **Terova G.** (2018). Effects of *Hermetia illucens* meal on the rainbow trout (*Oncorhynchus mykiss*) intestinal microbiota composition. World and European Aquaculture Society Meeting “Aqua 2018”. Montpellier, France. August 25-29, 2018. Book of Abstracts, Poster presentations, pp 744. <https://www.was.org/meetings/>
11. Torrecillas, S., Serradell, A., Makol, A., **Terova, G.**, Gini, E., Valdenegro, V., Kalinowski, T., Montero, D. (2018) Dietary prebiotics and phytochemicals in low fish meal and fish oil based diets for European seabass (*Dicentrarchus labrax*): an effective tool to boost mucosal tissues health and disease resistance? 18th International Symposium on Fish Nutrition and Feeding. Las

- Palmas de Gran Canaria, Spain. June 3rd-7th 2018. Book of Abstracts. Poster presentations. Session 7- Functional Foods in Aquaculture. <http://www.isfnf2018.com>
12. Ceccotti, C., Gasco, L., Ascione, C., Rimoldi, S., **Terova, G.** (2017). Rainbow trout (*Oncorhynchus mykiss*) fed on diets with partial replacement of fishmeal with insect (*Hermetia illucens*) meal: effects on hepatic metabolites s-adenosyl methionine (SAM) and s-adenosyl homocysteine (SAH). Aquaculture Europe 2017. Cooperation for growth. International Conference and Exposition. October 17-20, Dubrovnik, Croatia. Book of Abstracts, pp 203. <https://www.aquaeas.eu/36-news/news/363-ae2017>
 13. Ascione, C., Gasco, L., Rimoldi, S., Gliozheni, E., **Terova, G.** (2017). Insect meal from *Hermetia illucens* in the diet of rainbow trout (*Oncorhynchus mykiss*): effects on growth and the expression of genes related to methionine metabolism. Aquaculture Europe 2017. Cooperation for growth. International Conference and Exposition. October 17-20, Dubrovnik, Croatia. Book of abstracts, pp 974. <https://www.aquaeas.eu/36-news/news/363-ae2017>
 14. Ascione, C., Gasco, L., Rimoldi, S., **Terova, G.** (2017). Effects of dietary insect meal from *Hermetia illucens* on the expression of genes related to methionine metabolism in rainbow trout (*Oncorhynchus mykiss*). IDAR2017. The 3rd International Conference of D-Amino Acid Research. Varese (Italy), July 10-13, 2017. Book of Abstracts, pp. 93. www://idar2017.com
 15. Ceccotti, C., Gasco, L., Ascione, C., **Terova, G.** (2017). Hepatic metabolites S-adenosyl methionine (SAM) and S-adenosyl homocysteine (SAH) as signals of methionine nutritional deficiency in rainbow trout (*Oncorhynchus mykiss*) fed on diets with partial replacement of fishmeal with insect (*Hermetia illucens*) meal. IDAR2017. The 3rd International Conference of D-Amino Acid Research. Varese (Italy), July 10-13, 2017. Book of Abstracts, pp. 92. www://idar2017.com
 16. Ascione, C., Gasco, L., Rimoldi, S., **Terova, G.** (2017). Effects of dietary insect meal from *Hermetia illucens* on the expression of genes related to methionine metabolism in rainbow trout (*Oncorhynchus mykiss*). ASPA (Animal Science and Production Association) 22nd Congress, Perugia (Italy), June 13-16, 2017. Italian Journal of Animal Science-Book of Abstracts. Vol.16:s1, 2017, pp. 185. <http://dx.doi.org/10.1080/1828051X.2017.1330232>
 17. Ceccotti, C., Gasco, L., Ascione, C., **Terova, G.** (2017). Hepatic metabolites S-adenosyl methionine (SAM) and S-adenosyl homocysteine (SAH) as signals of methionine nutritional deficiency in rainbow trout (*Oncorhynchus mykiss*) fed on diets with partial replacement of fishmeal with insect (*Hermetia illucens*) meal. ASPA (Animal Science and Production Association) 22nd Congress, Perugia (Italy), June 13-16, 2017. Italian Journal of Animal Science-Book of Abstracts. Vol.16:s1, 2017, pp. 186. <http://dx.doi.org/10.1080/1828051X.2017.1330232>
 18. Rimoldi, S., Ascione, C., Gliozheni, E., **Terova, G.** (2016) Impact of different sources of protein in the diet of rainbow trout *Oncorhynchus mykiss* on fish intestinal microbiota. Aquaculture Europe 2016. 20th-23rd September. Edinburgh, United Kingdom, pp 221
 19. **Terova, G.**, Rimoldi, S., Díaz, N., Piferrer, F., Saroglia, M. (2016) Histone modifications and the expression of genes related to epigenetic regulatory mechanisms and immune response in European sea bass *Dicentrarchus labrax* fed with a diet supplemented with sodium butyrate. Aquaculture Europe 2016. 20th-23rd September. Edinburgh, United Kingdom, pp 219.
 20. Corraze, G., Lazzarotto, V., Larroquet, L., Médale, F., **Terova, G.** (2016). Flesh quality of large size rainbow trout fed plant-based diets during the whole life cycle. XVII Int. Symp. Fish Nutrition and Feeding, June 5-10, 2016, Sun Valley, Idaho, USA
 21. Danieli, P.P., Tulli, F., Parisi, G., Piccolo, G., Bani, P., Dalle Zotte, A., **Terova, G.**, De Angeli, A., Fortina, R., Pinotti, L., Marino, R., Prandini, A., Schiavone, A., Roncarati, A., Acuti, G., Gasco, L. (2015). Environmental impact of insect rearing for food and feed: state of the art and perspectives. ASPA (Animal Science and Production Association) 21th Congress, Milano

- (Italy), June 9-12, 2015. In: Italian Journal of Animal Science-Book of Abstracts. vol.14:s1, 2015, pp. 132. DOI: 10.4081/ijas.2015.s1
22. Fortina, R., Gasco, L., **Terova, G.**, Roncarati, A., Parisi, G., Piccolo, G., Tulli, F., Schiavone, A., Pinotti, L., De Angelis, A., Dalle Zotte, A., Danieli, P.P., Bani, P., Acuti, G., Marino, R., Prandini, A. (2015). Farming insects for feeding pigs: constraints and opportunities. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14:s1, 2015, pp.169. DOI: 10.4081/ijas.2015.s1
 23. Gasco, L., **Terova, G.**, Acuti, G., Bani, P., Danieli, P.P., Dalle Zotte, A., De Angelis, A., Fortina, R., Parisi, G., Piccolo, G., Pinotti, L., Prandini, A., Marino, R., Schiavone, A., Tulli, F., Roncarati, A. (2015). Insects as innovative protein source for fish feeds: a brief review. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14: s1, 2015, pp.170. DOI: 10.4081/ijas.2015.s1
 24. Schiavone, A., Dalle Zotte, A., **Terova, G.**, Bani, P., Danieli, P.P., De Angelis, A., Fortina, R., Parisi, G., Piccolo, G., Pinotti, L., Prandini, A., Rosaria Marino, Francesca Tulli, Gabriele Acuti, Alessandra Roncarati, Laura Gasco (2015). Improving sustainability of poultry production by feeding insects: state of the art and perspectives. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts. Vol.14:s1, 2015, pp. 173. DOI: 10.4081/ijas.2015.s1
 25. Díaz, N., Rimoldi, S., Saroglia, M. **Terova, G.** Piferrer, F. (2014) Effects of a sodium butyrate supplemented diet on the expression of genes related to epigenetic regulatory mechanisms and immune response in the European sea bass (*Dicentrarchus labrax*). EPICONCEPT-Epigenetics and Periconception Environment. COST Action FA1201. Las Palmas de Gran Canaria (Spain), 7-9 May 2014. Proceedings of the EPICONCEPT Workshop 2014 Epigenomic Toolbox: from Methods to Models, pp. 62.
 26. Kwasek, K., **Terova, G.**, Rimoldi, S., and Saroglia, M. (2014). Dietary methionine in salmonid fish feed alters the expression of genes involved in methionine metabolism and epigenetics. EPICONCEPT-Epigenetics and Periconception Environment. COST Action FA1201. Las Palmas de Gran Canaria (Spain), 7-9 May 2014. Proceedings of the EPICONCEPT Workshop 2014 Epigenomic Toolbox: from Methods to Models, pp. 69.
 27. Rimoldi, S., **Terova, G.**, Ceccotti, C., Saroglia, M. (2013) Effects of butyrate-supplemented diet on histone acetylation status in European seabass (*Dicentrarchus labrax*). EPICONCEPT-Epigenetics for Improved Food Production: from Model to Practice. COST Action FA1201. Sant Feliu de Guíxols (Spain), 13-16 October 2013. Proceedings of the EPICONCEPT Workshop 2013 Epigenetics for Improved Food Production: from Model to Practice, pp. 51.
 28. Dabrowski, K., Lee, B., Wojno, M., Kwasek, K., **Terova, G.**, Saroglia, M. (2013) Influence of exposure of rainbow trout embryos to methionine on embryonic development and epigenetics. EPICONCEPT- Epigenetics for Improved Food Production: from Model to Practice. COST Action FA1201. Sant Feliu de Guíxols (Spain), 13-16 October 2013. Proceedings of the EPICONCEPT Workshop 2013 Epigenetics for Improved Food Production: from Model to Practice, pp. 53.
 29. Roncarati, A., Gasco, L., Parisi, G., **Terova, G.** (2014) Growth performance of common catfish (*Ameiurus melas* Raf.) fingerlings fed insect meal diets. International Conference “Insects to Feed the World”. The Netherlands, Wageningen, 14 -17 May 2014.
 30. Casati, B., Franzetti, E., **Terova, G.**, Cappellozza, S., de Eguileor, M., Tettamanti, G. (2012) Starvation strongly influences the development of *Bombyx mori* larvae. 28th Congress - European Society for Comparative Physiology and Biochemistry. Bilbao, Basque Country (Spain), 2-5 September. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. Part A.

31. Preziosa, E., Liu, S., Kucuktas, H., **Terova, G.**, Liu, Z. (2012) Gene expression of calpain family in skeletal muscle of starved and re-fed channel catfish (*Ictalurus punctatus*) In: “Aqua 2012”- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 897.
32. Preziosa, E., **Terova, G.**, Lecchi, L., Cattaneo, A.G., Saroglia, M. (2012) Impact of acute stress on antimicrobial polypeptides mRNA copy number in several tissues of marine sea bass (*Dicentrarchus labrax*). In: “Aqua 2012”- Global Aquaculture Securing Our Future - September, 1-5 Prague, Czech Republic. USB-Abstracts, pp. 898.
33. **Terova, G.**, Preziosa, E., Pisanu, S., Addis, MF., Roggio, T., Uzzau, S., Gornati, R., Bernardini, G., Saroglia, M. (2011). 2-D DIGE and mass spectrometry to analyse the effects of *postmortem* storage temperature on sea bass (*Dicentrarchus labrax*) muscle protein degradation. In: “Mediterranean Aquaculture 2020”. Aquaculture Europe - the annual meeting of the European Aquaculture Society. October, 18-21 Rhodes, Greece. CD-ROM Abstracts, pp. 1084-86.
34. **Terova, G.**, Preziosa, E., Corà, S., Rimoldi, S., Saroglia, M. (2010) Molecular mechanisms underlying fish filet quality. In: “Aquaculture Europe 10-Seafarming tomorrow”. Abstracts of the 10th Congress of the European Aquaculture Society. 5-9 October, Porto, Portugal. Abstracts pp. 1304.
35. Brambilla, F., Michaud, L., Forchino, A., Rimoldi, S., Antonini, M., Cora, S., Preziosa, E., **Terova, G.**, Saroglia, M. (2010). Quantification and characterization of the microbial community in coastal aquaculture system: first data from a case study in a Tuscany fish farm. In: “Aquaculture Europe 10-Seafarming tomorrow”. Abstracts of the 10th Congress of the European Aquaculture Society. 5-9 October, Porto, Portugal. Abstracts pp. 235.
36. Brambilla, F., Michaud, L., Forchino, A., Rimoldi, S., Antonini, M., Cora, S., **Terova, G.**, Saroglia, M. (2010). Bacterial-enzymatic biopromoter application in nitrogen transformation processes and phosphorus removing: a pilot study in recirculating aquaculture system. In: “Aquaculture Europe 10-Seafarming tomorrow”. Abstracts of the 10th Congress of the European Aquaculture Society. 5-9 October, Porto, Portugal. pp. 236.
37. **Terova, G.**, Rimoldi, S., Bernardini, G., Gornati, R., Saroglia, M. (2006). Expression patterns of myostatin, IGF-I, IGF-II and FGF6 genes in sea bass *Dicentrarchus labrax* during long-term fasting and refeeding. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. “Aqua 2006”* pp. 927.
38. Brambilla, F., Antonini, M., **Terova, G.**, Saroglia, M. (2006). Approach to a nitrogen model in coastal fish farm: case study in a Mediterranean outflow lagoon system. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. “Aqua 2006”* pp. 114.
39. Antonini, M., Ceccuzzi, P., Brambilla, F., **Terova, G.**, Saroglia, M. (2006). Recirculating rearing system: the use of foam fractionator for removing heterotrophic bacteria populations. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. “Aqua 2006”* pp. 35.
40. Brambilla, F., Giardino, C., Lalumera, G.M., **Terova, G.**, Saroglia, M. (2006). Remote sensing to assess water quality in land based aquaculture and surrounding basins. In: *World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts: “Aqua 2006”* pp. 115.
41. Lalumera, G., Crosa, G., Stefani, F., **Terova, G.**, Saroglia, M. (2003) “Open-sky” depuration and recirculation of fish farming effluents: preliminary results of a study in progress at a Tuscany’s fish farm. In: *International Aquaculture Conference 2003 Verona 15th-16th October 2003. Ed. Fish farming in Mediterranean Europe: quality for developing markets*, pp. 73.
42. Rinaldi, L., Tettamanti, G., Grimaldi, A., **Terova, G.**, Saroglia, M., de Eguileor M. (2003). Oxygen management: gills organization, erythrocytes and VEGF as descriptors of fish welfare

- in intensive aquaculture systems. In: *International Aquaculture Conference 2003 Verona 15th-16th October 2003*. Ed. *Fish farming in mediterranean Europe: quality for developing markets*, pp. 87.
43. **Terova, G.**, Caricato, G., Saroglia, M. (2003) The influence of high rearing density on physiological stress response in sea bass *Dicentrarchus labrax* (L). In: *International Aquaculture Conference 2003 Verona 15th-16th October 2003*. Ed. *Fish farming in mediterranean Europe: quality for developing markets*, pp. 90.
 44. Cecchini, S., **Terova, G.**, Saroglia, M., Jeney, Z., Jeney, G., Caricato, G., Filippi, G., (1997). Effects of vitamin C enrichment in sea bass (*Dicentrarchus labrax*) larvae on their response to infective and saline challenges. In: *EAFP Abstracts Book. VIIIth International Conference "Diseases of fish and shellfish"*. Edinburgh Conference Center Heriot-Watt University, Scotland, 1997.
 45. Saroglia, M., Papp, Gy. ZS., Jeney, ZS., Jeney, G., **Terova, G.** (1997). Nitrite induced changes in ascorbate status of sturgeon hybrid (*Arcipenser ruthenus* L. x *Arcipenser baeri* L.) fed diets with different forms and doses of vitamin C. In: *Booklet of abstracts. 3rd International Symposium on Sturgeon. Piacenza, Italy, July 8-11*.
 46. Papp, Gy. ZS., Saroglia, M., Jeney, ZS., Jeney, G., **Terova, G.** (1997). Effects of vitamin C on collagen status of sturgeon hybrid (*Arcipenser ruthenus* L. x *Arcipenser baeri* L.). In: *Booklet of abstracts. 3rd International Symposium on Sturgeon, Piacenza, Italy, July 8-11*.
 47. Papp, Gy.Zs., Jeney, Zs., Jeney, G., Saroglia, M., **Terova, G.** (1996). Comparative studies on physiological properties of European Catfish (*Silurus glanis*, L.) to evaluate the optimal requirement of vitamin C. In: *VII International Symposium on Fish Physiology. Department of Biology, University of Oslo. 3-6 august*, pp. 60.
 48. **Terova-Saroglia, G.**, Saroglia, M., Papp, Gy. Z., Jeney, Z. (1995). Kinetics of enzymatic hydrolysis of ascorbate-phosphate in some commercial fish species. In: *Animal and cell abstracts. Conference of the Soc. for Exp.Biol. (SEB). St. Andrews, Scotland, 3-7 April*, pp. 53.
 49. Papp, Gy. Zs., Saroglia, M., **Terova, G.**, Jeney, Zs. (1995). Digestibility and excretion of vitamin C in different fish species. In: *Aquaculture Europe '95, Short communications and abstracts. EAS, Special Publ. No 23, Ghent, Belgium, June 1995*, pp. 95-96.
 50. Saroglia, M., **Terova-Saroglia, G.**, Papp, Gy. Z., Jeney, Z. (1995). Nutritional status and storage related vitamins C, in fish farmed with intensive technologies. In: *Aquaculture Europe '95, Short communications and abstracts. EAS, Special Publ. No 23, Ghent, Belgium, June 1995*, pp.102-103.

Publicazioni presentate come poster a Congressi Nazionali.

1. Ceccotti, C., Gasco, L., Rimoldi, S., Saroglia, M., **Terova, G.** (2021). The dietary influence of partially defatted *Hermetia illucens* meal on the hepatic methionine metabolism in rainbow trout. ASPA (Animal Science and Production Association) 24th Congress, Padova (Italy), September 21-24, 2021. Italian Journal of Animal Science-Book of Abstracts. Vol.20: s1, pp. 122. <https://doi.org/10.1080/1828051X.2021.1968170>
2. Antonini, M., Moroni, F., Saroglia, M., **Terova, G.** (2021). Histological evaluation of probiotic (lactic acid bacteria) effects on gilthead sea bream (*Sparus aurata*) gut. ASPA (Animal Science and Production Association) 24th Congress, Padova (Italy), September 21-24, 2021. Italian Journal of Animal Science-Book of Abstracts. Vol.20: s1, pp. 122. <https://doi.org/10.1080/1828051X.2021.1968170>
3. Terova, G., Rimoldi, S., Chiofalo, B., Antonini, M., Brambilla, F., Saroglia, M. (2021). Poultry meal in feed for Gilthead seabream (*Sparus aurata*): results from an 'on farm' feeding trial. ASPA (Animal Science and Production Association) 24th Congress, Padova (Italy), September

- 21-24, 2021. Italian Journal of Animal Science-Book of Abstracts. Vol.20: s1, pp. 130.
<https://doi.org/10.1080/1828051X.2021.1968170>
4. Schiavone, A., Dalle Zotte, A., Terova, G., Bani, P., Danieli, P.P., De Angelis, A., Fortina, R., Parisi, G., Piccolo G., Pinotti, L., Prandini, A., Marino, R., Tulli, F., Gabriele, A., Roncarati, A., Gasco, L. (2015). Insect rearing as a sustainable source of animal protein: state of the art and perspectives. ASPA (Animal Science and Production Association) 21th Congress, Milano (Italy), June 9-12, 2015. Italian Journal of Animal Science-Book of Abstracts.
 5. Ceccotti, C., Scollo, G., Chioldaroli, L., **Terova, G.**, Saroglia, M. (2013) An improved GC-Mass method to assess the short chain fatty acid in fish gut fecal compounds. ASPA (Animal Science and Production Association) 20th Congress, Bologna (Italy), June 11-13, 2013. Italian Journal of Animal Science-Book of Abstracts. vol.12:s1, 2013:92
 6. Preziosa, E., **Terova, G.**, Lecchi, L., Cattaneo, A.G., Saroglia, M. (2012). Impact of acute stress on antimicrobial peptides mRNA copy number in European sea bass (*Dicentrarchus labrax*). CNB (National Consortium for Biotechnology) XI Congress, Varese (Italy) June 27th-29th, 2012. In: CNBXI-XI National Congress of Biotechnology, Insubria University Press, pp. 87.
 7. Preziosa, E., Corà, S., **Terova, G.**, Addis, M.F., Roggio, T., Saroglia, M. (2011). Effects of postmortem storage temperature on sea bass (*D. labrax*) muscle protein degradation: analysis by 2D DIGE and mass spectrometry. ASPA (Animal Science and Production Association) 19th Congress, Cremona (Italy) 7-10 June 2011. Italian Journal of Animal Science-Book of Abstracts. vol.10:s1, 2011:111-112
 8. Corà, S., **Terova, G.**, Rimoldi, S., Preziosa, E., Antonini, M., Saroglia, M. (2011). Molecular cloning and expression analysis of genes involved in the compensatory growth of sea bass (*Dicentrarchus labrax*). ASPA (Animal Science and Production Association) 19th Congress, Cremona (Italy) 7-10 June 2011. Italian Journal of Animal Science-Book of Abstracts. vol.10:s1, 2011:111
 3. Lasagna, E., Landi, V., Perella, F., Marelli, S.P., **Terova, G.**, Cavalchini, L.G., Sarti, F.M. (2009). Evaluation of welfare in Italian poultry breeds based on genetic parameters. *Proceedings of the ASPA 18Th Congress, Palermo, June 9-12*, Italian Journal of Animal Science. Vol 80/2: 814.
 4. Brambilla, F., Antonini, M., Rossetti, C., Zaghetto, E., **Terova, G.**, Saroglia, M. (2006). Bilancio di massa dell'azoto ammoniacale in sistemi di lagunaggio: caso studio in un'azienda ittica toscana. *BIOL. MAR. MEDIT.* 13(2): 122-123.

Publicazioni di tipo divulgativo

1. M. Saroglia, F.Repole, **G. Terova**, S. Cecchini. (1997). Modeli sperimentali per studi sulla vitamina C. *SPAZIO SANITA*. N° 4 marzo 1997. pp. 13-15.