

Insights on the Trends in Aquaculture Research

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Editor's Note

Aquaculture research deals with the study of aquatic organisms such as fish, prawns, molluscs and aquatic plants that can be used as nutrition for human consumption directly or indirectly and contribute for the sustainable development of the ecosystem. The current volume No 7, issue 7, has published 5 research article and 1 editorial.

All these works represent a small step forward, a contribution to our knowledge, and to a greater control for a rational and sustainable production of our food.

Abu-Elala et al. in his research article discussed the effects of dietary supplementation of *Spirulina platensis* and garlic on the growth performance and expression levels of immune-related genes in Nile tilapia (*Oreochromis niloticus*). The results of the present investigations showed that dietary supplementation of garlic and *spirulina* have contributed for the growth performance, gut health, immune status and disease resistance in Nile tilapia [1].

Research article of Béjaoui et al. tried to examine the soft part of the two-bivalve species namely *Venericardia antiquata* and *Venus verrucosa* that occur together in the northern coast of Tunisia. This report found to be the first to discover the presence of morphological abnormalities affecting the foot of many individuals [2].

A study of Gorji et al. made a comparative analysis of the polymorphism of growth hormone receptor gene in French, Iranian and Danish strains of *Oncorhynchus mykiss* by using polymerase chain reaction-single strand conformation polymorphism and restriction fragment length polymorphism (RFLP) methods [3].

Samanta et al. in their study aimed to investigate the effects of glyphosate-based herbicide, Excel Mera 71 on histopathological and ultrastructural changes in freshwater teleostean fish [4].

Chow et al. presented a research paper on the effects of dietary carotenoids of different forms: microemulsified and non-microemulsified on performance, pigmentation and hematological parameters in hybrid catfish [5].

References

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