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Antioxidant Properties in Novel Feed Ingredients for Fish

Guest Editor:

Dr. Inês Guerreiro

CIIMAR—Interdisciplinary Centre of Marine and Environmental Research, University of Porto, Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, 4450-208 Matosinhos, Portugal

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Message from the Guest Editor

In the future, aquaculture will be the most reliable seafood source to meet the increasing protein requirements. However, concerns are rising regarding its environmental impact due to the reliance of aquaculture feeds on fishery ingredients. Alternative ingredients, such as insect meal, plant feedstuffs, processed animal proteins and single-cell microorganisms, are increasingly being used nowadays. An improved oxidative status will allow for increasing fish welfare even when produced intensively, leading to a more sustainable production pattern.

This Special Issue welcomes contributions on these topics as literature reviews, original research manuscripts or short communications. The topics of interest include manuscripts on the use of alternative feed ingredients, such as insect meal, medicinal plants or any other ingredient which potentially presents antioxidant properties in fish.



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Editor-in-Chief

Prof. Dr. Alessandra Napolitano

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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