

Special Issue

Biology, Evolution and Application of Melanins – New Perspectives for Old Problems

Message from the Guest Editor

The study of melanins dates back to ancient Greece or even earlier, but the actual precise definition of these substances is still imprecise, particularly when comparing animals with other organisms from various domains and kingdoms. Much more can be said about their synthesis in animals, in particular at the biochemical level. However, melanins are organized differently than other macromolecular biopolymers, revealing a different hierarchy: instead of the primary, secondary, tertiary, and quaternary structures, they are described in micro-, meso-, and macroscopic measures.

I invite you to contribute to a Special Issue of the journal *Applied Sciences* entitled “Biology, Evolution and Application of Melanins—New Perspectives for Old Problems”, which aims to present recent developments in the field, with futuristic perspectives resulting from the recent, more or less unexpected (or just the opposite—long expected) discoveries and generalizations on melanin and related biopolymers of unusual properties and applications.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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