



Melanins and Melanogenesis 2.0: From Nature to Applications

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Message from the Guest Editors

This Special Issue takes advantage of the open access format to offer a novel and stimulating perspective of the field. It is especially directed to translate the results of basic and academic research to applications that may raise the interest of researchers from industries and companies who are willing to develop innovative melanin- or melanogenesis-based solutions.

Contributions to this Special Issue may cover all aspects of the chemistry of natural and synthetic melanins with potential applications, melanogenesis inhibitors via the definition of the mechanism of action, approaches for the amelioration or control of all types of melanin-based pigmentary disorders, photoprotection strategies; innovative methodologies for the analysis of pigmented tissues and also for diagnostic purposes; molecular engineering methodologies for melanin production in microorganisms; and novel functions of melanins of potential application interest, drug targeting, and exploiting the specific affinity of melanins. Experimental papers, up-to-date review articles, and commentaries are all welcome.





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Message from the Editor-in-Chief

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