

Special Issue

Naturally Derived Macromolecular Compounds for Biomedical, Pharmaceutical, Cosmetic, and Food Applications - in Memory of Professor Federica Chiellini

Message from the Guest Editors

In nature, macromolecules play different roles including support, storage, protection, transport, stimulation and communication among cells and microorganisms. The observation of nature and the awareness of scientists towards those functions have encouraged the growth of modern research and applicative fields, such as nanotechnology, tissue engineering, drug delivery and regenerative medicine. Additionally, industrial interest for macromolecules also covers cosmetics, food and nutraceutical applications.

This Special Issue aims to collect research contributions and critical reviews concerning naturally derived macromolecular compounds for biomedical, pharmaceutical, cosmetic, and food applications. This Special Issue is dedicated to the memory of Professor Federica Chiellini, a truly admirable person, friend, and insatiable scientist. Federica died prematurely last March, 2021. Her studies have been a stimulus for many of us, marking the progress of research in polymers and macromolecules applications.

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