

## Special Issue

# Recent Advances in Flavonoids and Health

### Message from the Guest Editor

The process of development and adaptation requires safeguarding by potent antioxidant bioenergetic agents that allow for the maintaining of health by targeting and enhancing the supply of bioenergetic resources for permanent repair, recycling, and regeneration. Recent research on flavonoids demonstrates conclusively that health can be improved if neuroinflammation is successfully targeted and resolved. Future studies focusing on a research agenda that aims to target the master regulators of adaptational plasticity and developmental physiology can facilitate the progress of applied sciences and the use of such agents. Bioenergetic stimulation and trophic support result in structural and functional changes that enable appropriate responses to any kind of demand and stress. The development of flavonoids that allow for neuroprotection has to focus on the metabolic mechanisms and mediators that prevent premature aging and disease. Through your contributions to the development of applied sciences, we aim to demonstrate perspectives for the application of advanced technologies using flavonoids that have the potential to prevent and cure degenerative diseases.

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### Guest Editor

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## Applied Sciences

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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.

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### Editor-in-Chief

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