Special Issue

Enabling Neuroprotection in Dementia by Antioxidant and Vasoactive Flavonoids

Message from the Guest Editor

The process of development and adaptation requires safeguarding by potent antioxidant bioenergetic agents that allow us to maintain health and improve cognition by targeting and enhancing the neurovascular supply of bioenergetic resources for permanent repair, recycling and regeneration of the brain. Recent research on flavonoids demonstrates conclusively that brain 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 by the use of such agents.
The development of flavonoids that allow for neuroprotection has to focus on the metabolic mechanisms and mediators that prevent premature brain aging and disease. By your contributions to the development of applied neurosciences, we aim to demonstrate the perspectives for the application of advanced technologies using flavonoids that have the potential to prevent and cure dementia.

Guest Editor

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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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