Special Issue

Carbazole Derivatives: Latest Advances and Prospects

Message from the Guest Editor

In recent years, plenty of research has been aimed at the multiple properties of different carbazole derivatives. Carbazoles are important aromatic heterocyclic compounds isolated from plants, such as those of the genera *Ochrosia*, *Murraya*, *Glycosmis*, and *Clausena*, or synthetically obtained. Today, many carbazole derivatives are widely studied as photoconductive, anti-bacterial, anti-fungal, anticancer, antioxidant, anti-inflammatory, anti-Alzheimer, anti-malarial, anti-tuberculosis, and anti-viral agents, for the treatment of obesity and for their psychotropic and anti-histamine activities. However, the therapeutic applications and benefits of some of these derivatives remain low because of their low hydrosolubility, low bioavailability, and the onset of some side effects. For these reasons, the purpose of this Special Issue "Carbazole Derivatives: Latest Advances and Prospects" is to report the molecular modeling, synthesis, and biological evaluation of new carbazole derivatives with improved pharmacokinetic and pharmacodinamic properties for their development in medicinal chemistry.

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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