Special Issue

Synthesis of Natural or Unnatural Bioactive Compounds and Novel Molecular Frameworks

Message from the Guest Editor

The area of organic synthesis—the "art" of building complex organic molecular structures from smaller chemical entities—lies at the heart of chemistry. Such molecules facilitate biology and medicine, as they often find uses in many areas of science, technology and everyday life. Synthetic organic chemistry has played an increasing role in the development of new molecular architecture, with combinations of properties that will underpin future medicinal chemistry advancements. The unforeseen discoveries and development in the field will best be unraveled by detailed structure–activity relationship studies. Access to natural products and their analogues is crucial in the area of drug discovery and chemical biology. It is clear that Nature will continue to be a major source of new structural leads and provide inspiration in developing synthetic methods, in the quest for making new chemical entities. This Special Issue is a showcase for some spectacular research in the area of synthesis of natural and unnatural bioactive compounds.

Guest Editor

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Message from the Editor-in-Chief

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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