Special Issue

Cyclodextrin-Based Materials and Applications

Message from the Guest Editors

Cyclodextrins (CDs) are cyclic oligosaccharides consisting of D-glucose units joined by □-1,4-glucosidic linkages. They present a truncated cone structure with a hydrophilic outer surface and a hydrophobic inner cavity able to partially or entirely accommodate suitably sized lipophilic molecules. In the pharmaceutical field, CDs have primarily been applied to enhance drug efficacy. In fact, due to their solubilizing and stabilizing power towards drugs, they are able to improve drug bioavailability and/or reduce adverse effects after oral, parenteral or other routes of administration. However, there are many other applications of CDs, and not only in pharmaceutics but also in the food, cosmetics, textiles, biomedical, and analytical fields. We kindly invite you to submit full papers, communications and reviews regarding the above-described topics, dealing with CD-based materials and their applications.

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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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