



Perspectives of Cyclodextrins

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Message from the Guest Editor

Cyclodextrins, since their first report in 1891 by Villiers, have already witnessed the turning of two centuries. In the 20th century, these molecules conquered many applications in varied areas such as pharmaceuticals, food, nutrition, cosmetics, crop science, catalysis and analytical chemistry. Now, in the 21st century, CDs are growing even further. A new generation of cyclodextrin scientists is pushing the boundaries of their applications to new and exciting fields. Some CDs are finding applications in medicine, not just as excipients but as novel medicines; the natural sustainability of CDs makes them ideal for bioremediation solutions and their unique host-guest chemistry allows them to be used in the retrieval of noble metals from waste slurry or to remediate water effluent from all sorts of contaminants. Progress in the field of materials science places cyclodextrins in a wide range of novel materials with boundless applications.

This Special Issue will create a forum for the presentation of the most relevant progress made by the millennial generation of cyclodextrins, looking at the innovations of the last 19 years and projecting research into the future.





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