

Special Issue

Polyhydroxylated Platforms for Pharmaceutical Applications

Message from the Guest Editors

In the field of pharmacy, the use of macrocycle molecules for various purposes is widespread. Thus, for example, polyhydroxylated platforms, among which cyclodextrins, resorcinarenes, pyrogallolarenes and calixarenes are included, have gained great importance in recent decades. Among other applications, these polyhydroxylated platforms have been used to improve the solubility of drug active principles, to increase their stability and bioavailability, and for the determination of proteins and nucleic acids, and they have even proven useful in sensitization therapies. Expanding the knowledge on the characteristics and properties of these macrocycles will allow us to understand their use in processes such as encapsulation, transport and controlled drug release. It would also enable us to know if these macrocycles can play an important role in the stability, bioavailability, solubility or even biological activity of drugs.

Guest Editors

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