Special Issue

Understanding the Impact of Reactive Coatings to Create Multi-Functional Surfaces in Polymeric Scaffolds

Message from the Guest Editors

The use of polymeric reactive coatings for biomaterial-based scaffolds has been largely used as a strategy to bind different types of drugs and biomolecules. Identifying these new biomaterials and studying their chemical properties could be the key to expanding the available strategies necessary to obtain new interfaces for scaffolds used in biomedical applications. Therefore, the goal of this collection is to identify or synthesize novel reactive polymeric layers and investigate their impact on the surface properties of biomedical scaffolds. Studies reporting a direct comparison in the chemical reactivity of pDA-based coatings with other types of natural or synthetic binding coatings will also be accepted. Finally, this Special issue will welcome contributions highlighting the use of these reactive polymeric layers to bind several biological molecules, including but not limited to biomimetic peptides, growth factors, and small drugs.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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