

Special Issue

Quantum Dots in Medical and Biology Science

Message from the Guest Editor

Quantum dots (QDs) are a group of semiconducting nanocrystals with unique optical and electronic properties. Depending on their sizes, QDs emit different wavelengths of light over a broad range of the spectrum, from visible to infrared. QDs are typically extensively used for optical applications due to their high extinction coefficient and resistance to photobleaching. This Special Issue aims to collect and disseminate some of the most significant and recent contributions in the interdisciplinary area of the application of QDs in medical and biology research, especially in cell targeting, delivery, diagnostics, cancer therapy, and imaging for cancer research.

Guest Editor

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Deadline for manuscript submissions

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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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