

Special Issue

Dendrimers in Biomedicine

Message from the Guest Editor

The field of dendrimers has evolved since the first report by Vögtle in 1978, from being mainly concerned with creating new structures to finding uses for them. The application of Dendrimers in Biomedicine is a field that is still under development, and although we have barely touched the surface, there are already examples of dendrimers being applied in transfection with DNA and siRNA in therapy or for cancer therapy, imaging, or as anti-inflammatory drugs, to name but a few. A lot of work is still required, and this Special Issue on “Dendrimers in Biomedicine” intends to collect results representing the entire field, in order to give a clear view of the present status. We welcome articles addressing synthesis, physical chemistry, molecular simulations, biological studies, thoughts on regulatory aspects, and other relevant aspects related to Dendrimers in Biomedicine.

Guest Editor

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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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