

Special Issue

Controlled Synthesis of Carbon Dots and Their Applications in Biomedical Sciences

Message from the Guest Editor

As a new class of zero-dimensional carbon nanomaterials, carbon dots have recently been discovered to be ideal for a broad range of biomedical applications, including bioimaging, biosensors, phototherapy, chemodynamic therapy, sonodynamic therapy, and drug delivery. Aside from being easy to synthesize and cheap to produce, they have exceptional optical properties, are minimally toxic, and are very biocompatible. In this Special Issue, we will explore the controlled synthesis of various kinds of carbon dots and their diverse biomedical applications. Our editors welcome research and review papers on carbon dots synthesis, biomedical applications, and studies involving nanomedicines.

Guest Editor

Prof. Dr. Hong Bi

School of Materials Science and Engineering, Anhui University, Hefei, China

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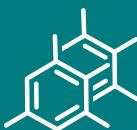
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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