# **Special Issue**

# Sustainable Materials for Healthcare: Green Drug Delivery and Devices

## Message from the Guest Editors

The conventional approaches used to synthesize Drug Delivery Systems (DDS) include chemical and physical methods involving the use of unsafe reaction conditions and chemicals dangerous for health care. These limits can be overcome by resorting to the principles of green chemistry and technological methods able to provide materials, delivery systems and devices to minimize the complications that may arise from their use on humans and the environment. In this regard, it is possible to resort to the use of materials of natural origin and of synthetic processes and solvents compliant with the principles of sustainability. This special issue will focus on the different available green synthetic strategies and on the application of the sustainable materials in drug delivery and bio-sensing.

### **Guest Editors**

Dr. Roberta Cassano

Dr. Maria Luisa Di Gioia

Dr. Sonia Trombino

### Deadline for manuscript submissions

closed (31 May 2023)



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As the premier open access journal dedicated to molecular chemistry, now in its 29th 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

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