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Advances in Organic Synthesis of Functionalized Nanomaterials and Their Application

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Message from the Guest Editor

Dear Colleagues,

Nanomaterials have existed on Earth since ancient times, even before the first human appeared. The first nanomaterials made by humans were Damascene steel weapons and the Lycurgus Cup. Since then, nanomaterials have come a long way and are now an indispensable part of our lives.

Organic reactions are one of the basic methods for the preparation of functionalized nanomaterials, both by direct synthesis from precursors and by post-functionalization of already prepared materials. Functionalization makes it possible to create advanced materials and thus expand the possibilities of their use in biomedical, environmental, textile, and packing applications, sensors, catalysis, electronics, and other fields.

Authors of original research papers and comprehensive reviews are welcome to contribute to this Special Issue to summarize the current state of the art and help other scientists to find in one place advances in the preparation or modification of nanomaterials by organic reactions and their application in a wide range of fields.

Dr. Michal Řezanka
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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