



Advances of Polymer Nanocomposites for Antimicrobial Applications

Guest Editors:

Dr. Vignesh Kumaravel

Dr. A. Joseph Nathanael

Dr. Deniz Atila

Dr. Bengi Yilmaz

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite submissions in the form of original research articles, communications, prospects, and short reviews that reflect the key findings regarding the use of PNs in various applications related to their broad-spectrum antimicrobial activity, stimuli-responsive activity, antifouling–microbicidal effect, self-adaptive antimicrobial action, or multimodal sensing properties.

This Special Issue is not limited to the abovementioned topics but also welcomes manuscripts on the antimicrobial features of PNs in relation to dental infections, 2D membranes, wound dressing/healing, anticancer drugs, scaffolds, medical implants, etc.

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Dr. A. Joseph Nathanael
Dr. Deniz Atila
Dr. Bengi Yilmaz
Guest Editors





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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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Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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