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Polymer Hydrogels for Cancer Therapy

Guest Editors:

Dr. Nathalie Bock

Dr. Christoph Meinert

Dr. Khoon Lim

Deadline for manuscript submissions:
closed (10 January 2024)

Message from the Guest Editors

Dear Colleagues,

The Special Issue on 'Polymer Hydrogels for Cancer Therapy' is dedicated to recent advancements in the synthesis, fabrication, characterization, and use of polymer-based hydrogels for cancer research. With a focus on cancer treatment, post-surgery tissue regeneration and disease modelling, a broad range of topics from fundamentals, physicochemical and biological characterization, and applied aspects will be discussed. This includes polymeric hydrogels as drug delivery systems, in vitro and in vivo cancer models, and personalized medicine platforms.

Since it is impossible to cover all aspects of hydrogels for cancer science in one issue, this Special Issue will contain only the best representative, high-quality, examples that bridge multiple research gaps in the field, in the hope to stimulate new research in polymer hydrogels for cancer research.

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Dr. Christoph Meinert
Dr. Khoon Lim
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Editor-in-Chief

Prof. Dr. Esmaiel Jabbari
Biomimetic Materials and Tissue Engineering Laboratory, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208, USA

Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

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Contact Us

Gels Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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