

## Special Issue

# Advancing Cancer Research by Exploring the Tissue Engineering Toolbox

### Message from the Guest Editor

Cancer research requires physiologically relevant experimental 3D in vitro models to advance our understanding of tumour biology, pathogenesis, and drug response at the tissue level. The native tumour microenvironment (TME) consists of cancerous and non-cancerous cells surrounded by an extracellular matrix. We can reconstruct relevant TME in 3D in vitro using tissue engineering and a biomaterial development toolbox, physical sciences, and additive manufacturing with appropriately sourced and propagated human cells, which retain the fundamental genetic and epigenetic landscape. This Special Issue will explore the growing body of evidence supporting these models' experimental value. We look forward to receiving your contributions, whether they be in the form of an article or a review on the topic.

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### Guest Editor

Dr. Olga Piskareva

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### Deadline for manuscript submissions

closed (31 July 2024)



## Cancers

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**Impact Factor 4.4**  
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## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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