

Special Issue

Applications of 3D Bioprinting Technology in Cancer Research

Message from the Guest Editor

The integration of 3D bioprinting technologies into cancer research offers unprecedented opportunities for the replication of complex tumor microenvironments, enabling more physiologically relevant disease models. This Special Issue aims to synthesize high-quality contributions that explore the application of 3D bioprinting in advancing cancer biology, from the modeling of tumor heterogeneity and metastasis to the testing of drug responses and the development of personalized therapies. We welcome original research, reviews, and perspectives that address technological innovations, biomaterial development, tissue engineering strategies, and translational approaches using 3D bioprinting to improve the understanding and treatment of cancer. Contributions that discuss interdisciplinary efforts and clinical implications are especially encouraged.

Guest Editor

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Editor-in-Chief

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