



## Application and Nanotechnologies in 3D Bioprinting Models for Personalized Cancer Treatment

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### Message from the Guest Editor

In cancer research, the structural and functional complexity of cancer biology represents an obstacle to efficiently combatting the development and evolution of cancer-related diseases. The tissue-specific microenvironment and its rheological properties are among the few hurdles encountered while exploring personalized treatments for cancer patients. Therefore, accurate and reproducible biological platforms may better resemble the complexity of cancer biology, ranging from its structure as 3D tissue to its function and evolution. In this regard, 3D bioprinting models have the great potential to investigate cancer biology in a more realistic and reproducible manner, strengthening the potential of its clinical translation.





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