



Detection and Imaging of Tumor Cells in a 3D Environment

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Message from the Guest Editors

The 3D models offer more physiological micro environment by maintaining the in vivo tumor cell type composition and tissue architecture. Cells grown in 3D resemble in vivo conditions more closely also in terms of cell protein, gene expression, and cell metabolism. Moreover, 3D models are more amenable to low cost and high-throughput research needs, and it may be possible to individualize patient care through prospective modeling of drug sensitivity in patient-derived 3D cultures. The purpose of this Special Issue is to attract publications that report on complex cancer cell cultures in vitro with the aim to better understand applications such as treatment, detection, drug delivery, and protocol development for 3D cultures.

Deadline for manuscript
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Message from the Editor-in-Chief

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