

3D APPLICATIONS

Tumor Spheroids

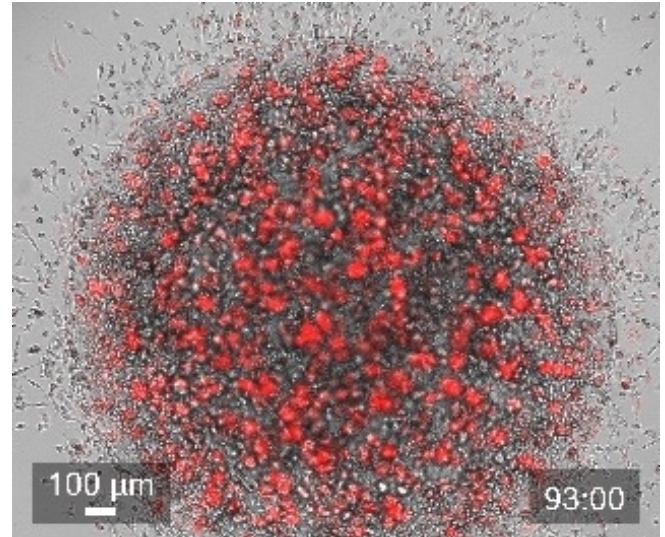
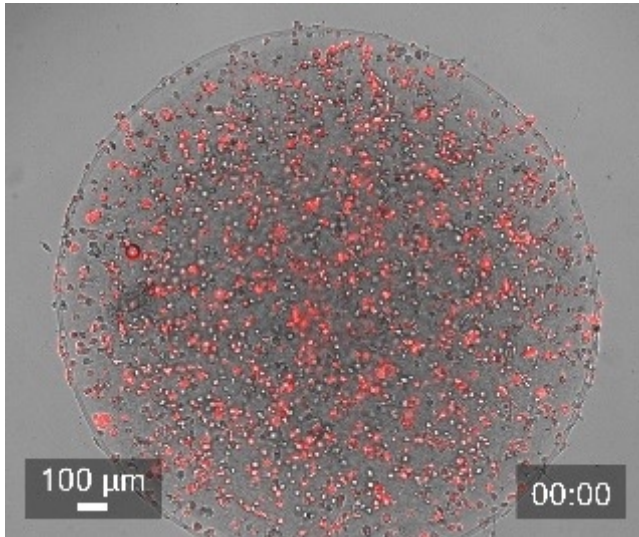
CELLINK PROTOCOL

MATERIAL: TeloCol-6

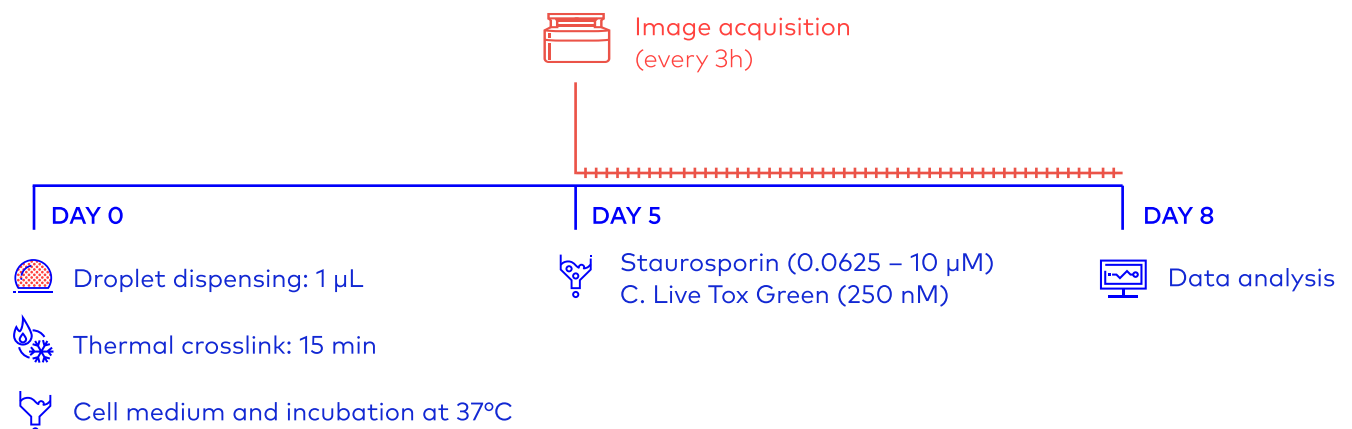
CELL LINE: MDA-MB-231

CONSTRUCT TYPE: Droplet

VESSEL TYPE: 96 well-plate

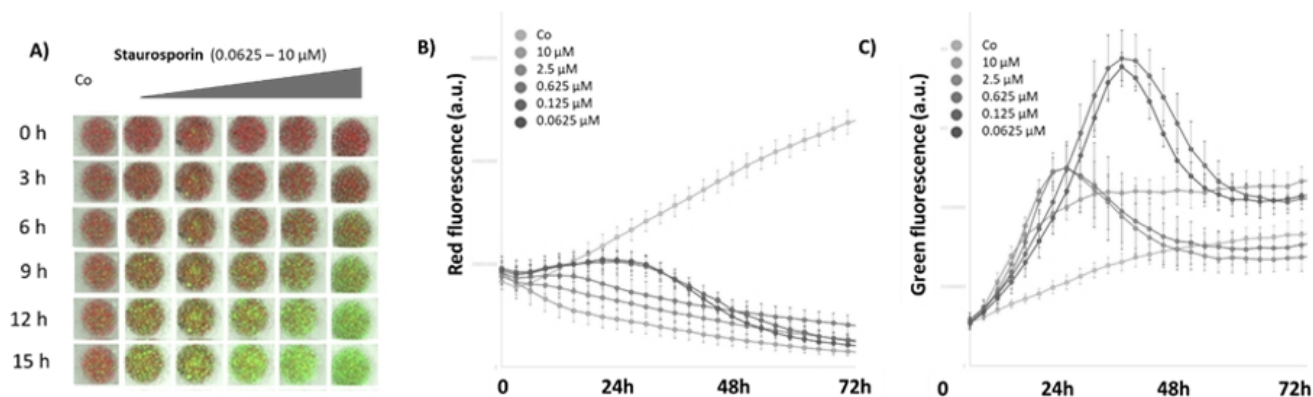


Recreate in-vivo like conditions to explore cell-cell and cell-matrix interactions, permeability, and stiffness through the use of 3D cell culture. By the use of the droplet method, made possible by 3D biodispensing, cells embedded in TeloCol can be coalesced into multi-spheroids. Models that are ideal for high-throughput drug and biologics testing.



Unlocking greater insights

With 3D models, accelerate discoveries and progress through more relevant data and more informed decisions.



A) representative pictures of staurosporin treated spheroids taken from 0 to 15h incubation time. B) Red fluorescence analysis of spheroids after 24, 48 and 72h of drug incubation, showing the decrease in cellular viability/growth in a dose dependent manner. C) Green fluorescence analysis showing different peaks of cell death induction according to the dose.



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CONTACT US FOR MORE INFO

www.cellink.com sales@cellink.com | US: +1 (833) CELLINK | EU: +46 31 128 700

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