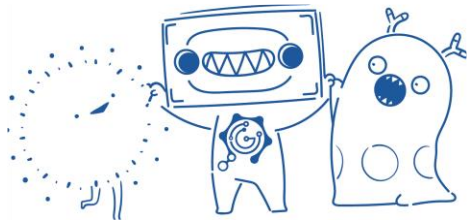

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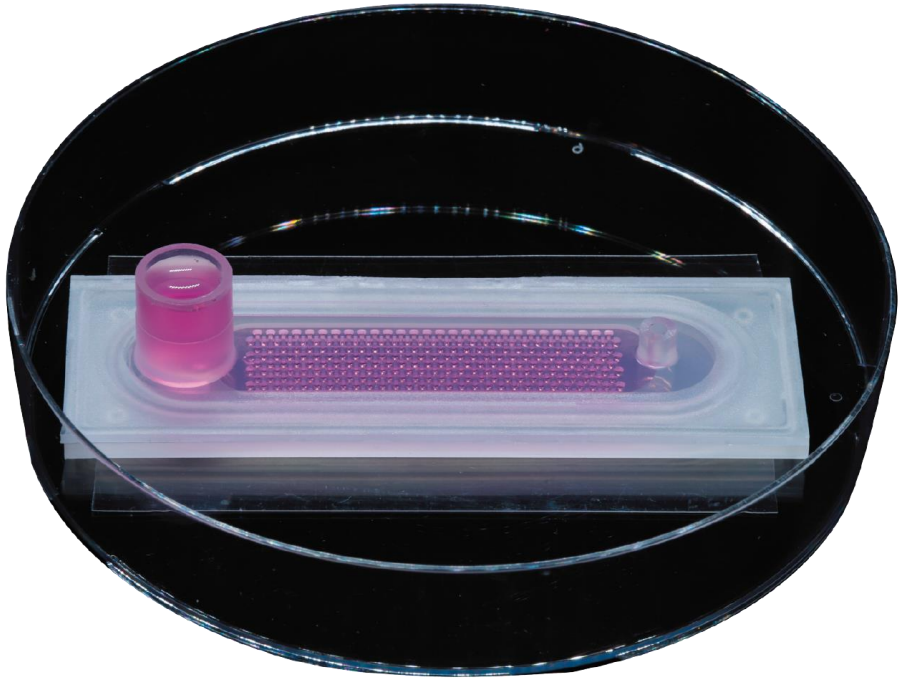
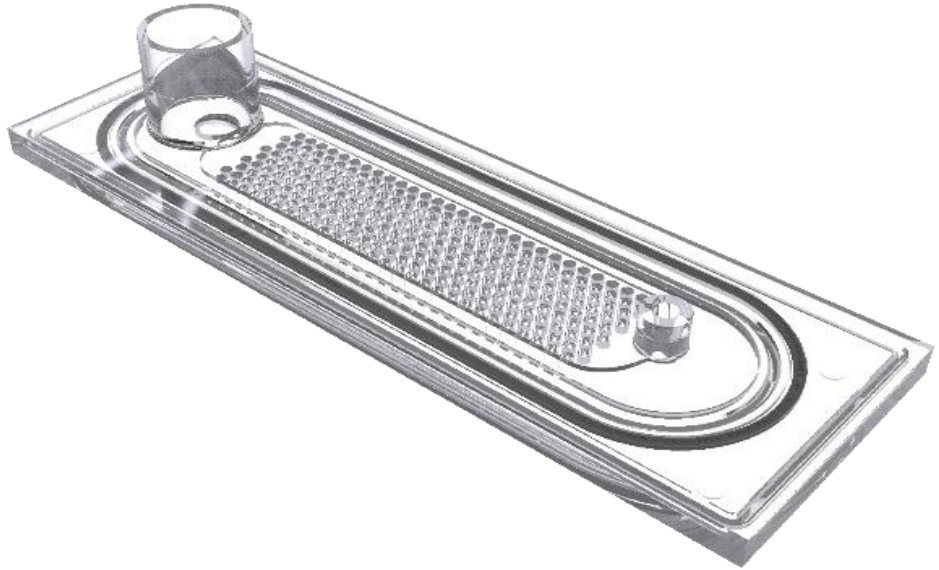
CellHD-256
Promotion Material

CellHD-256: Specifications

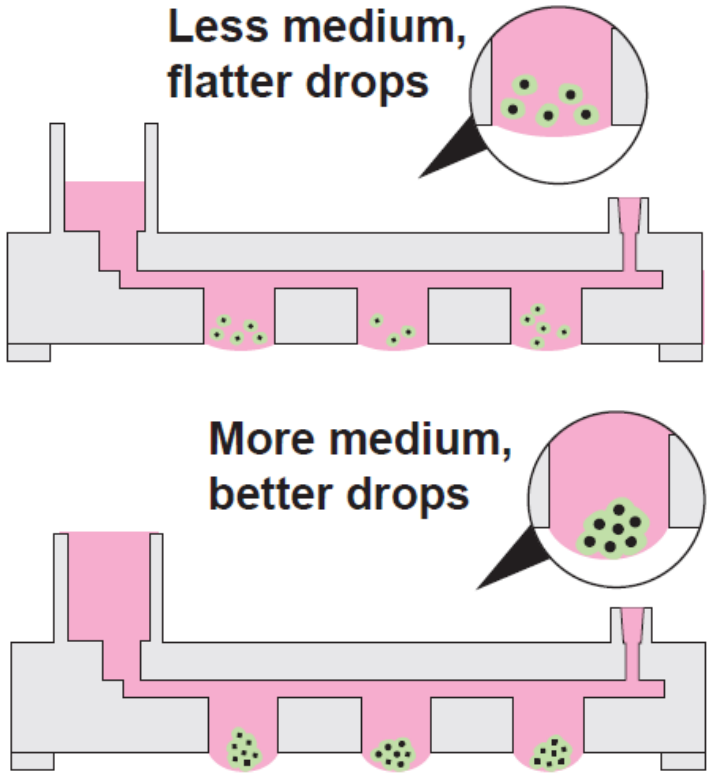


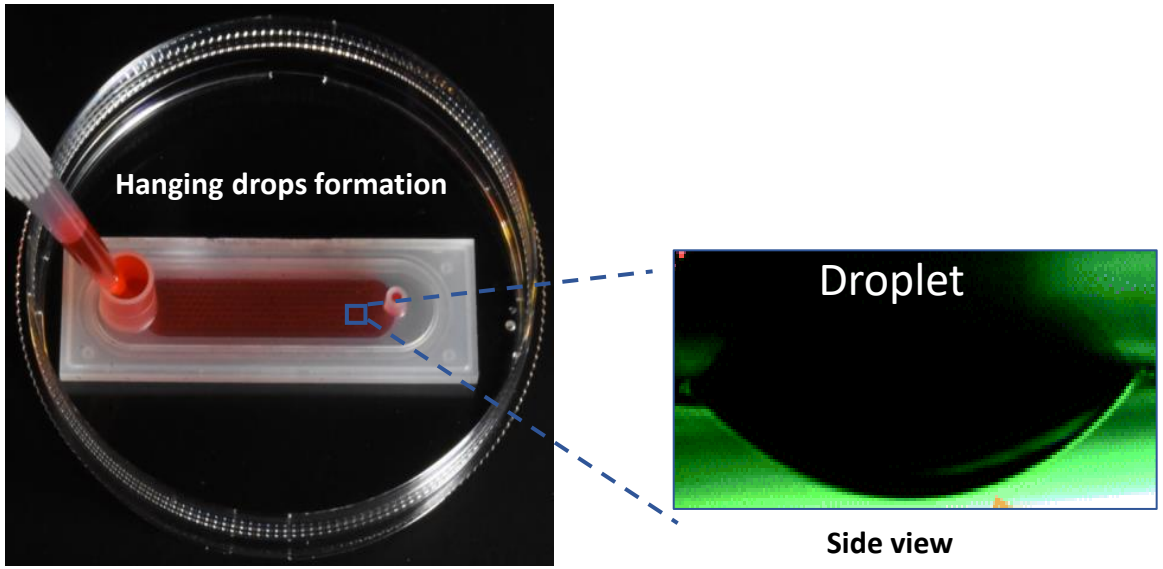


Material	Polypropylene
Capacity	256 wells
Well Diameter	1000 µm
Packaging	case of 10 (individually wrapped) box of 170 (individually wrapped)

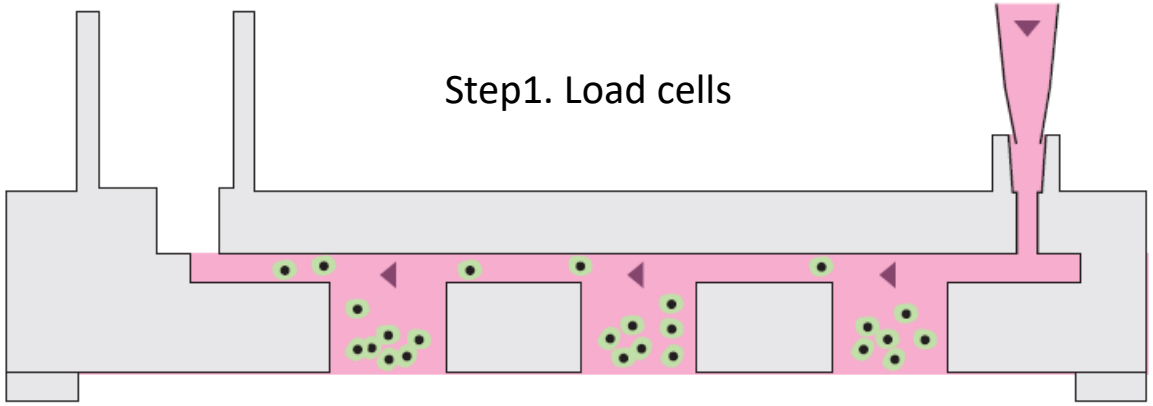
CellHD-256: Principle

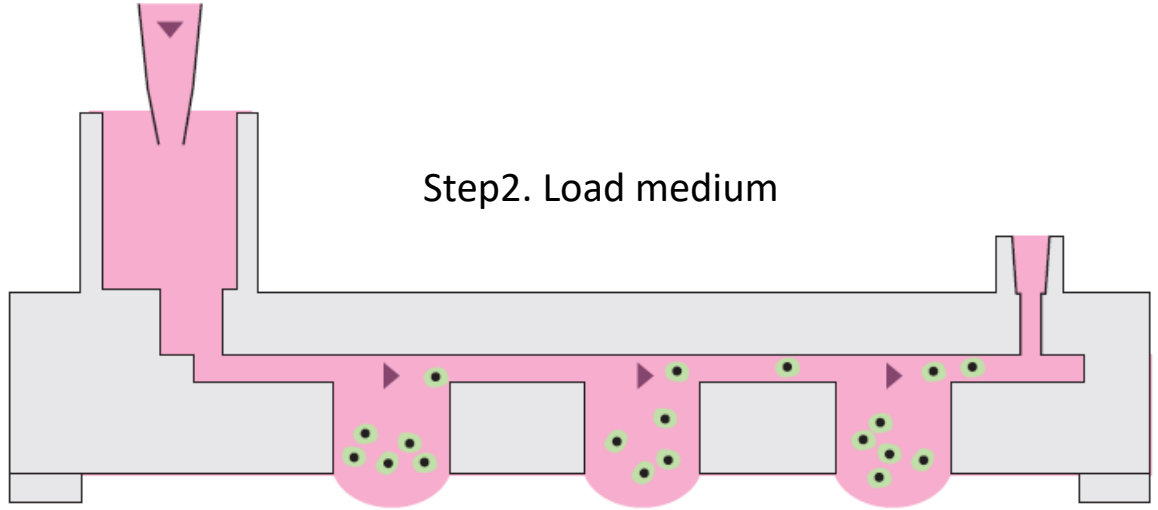
CellHD-256 is a hanging-drop-based chip to form droplets that cells can aggregate in.

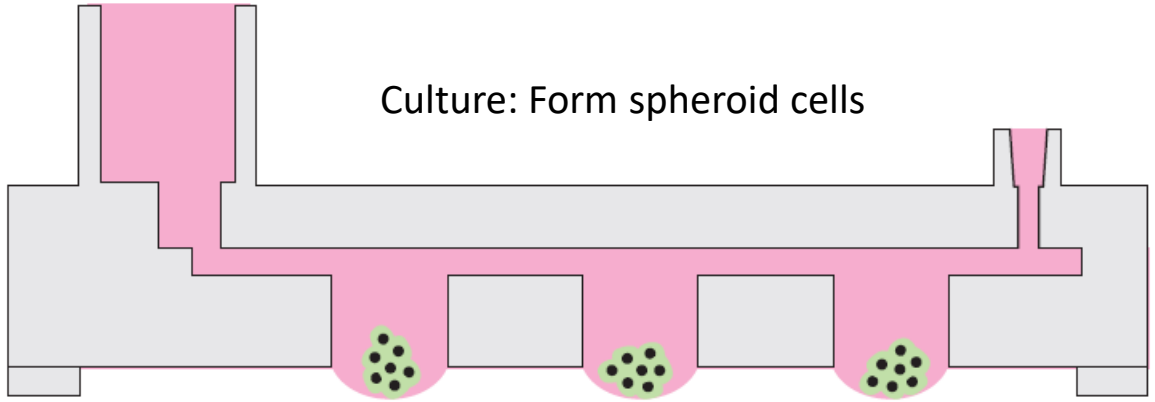




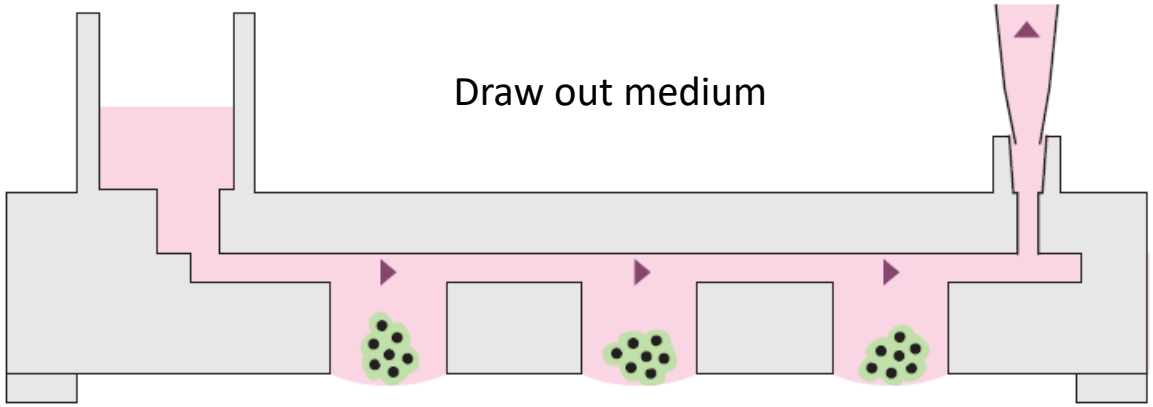
Protocol: CellHD-256
Load cells ➔Load medium➔ Culture Spheroid Cells

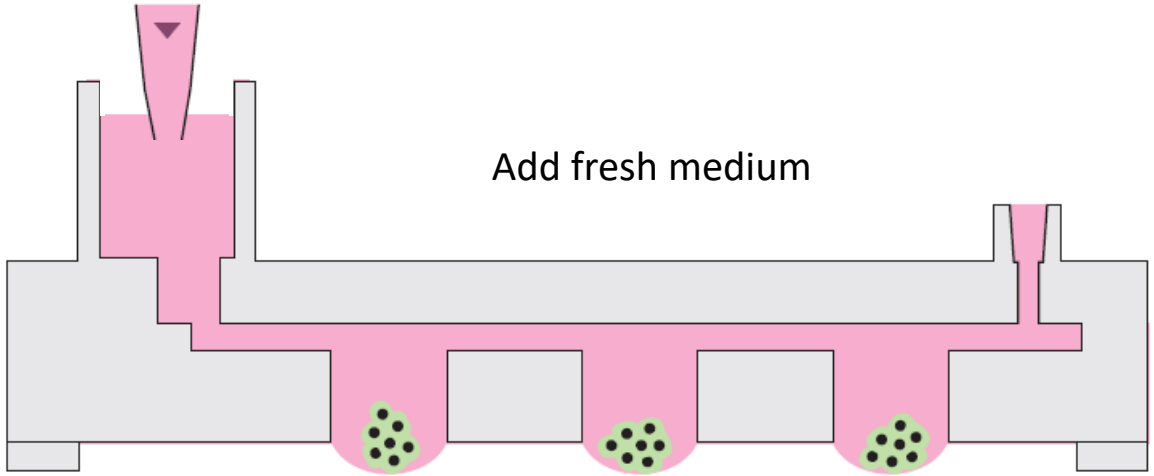




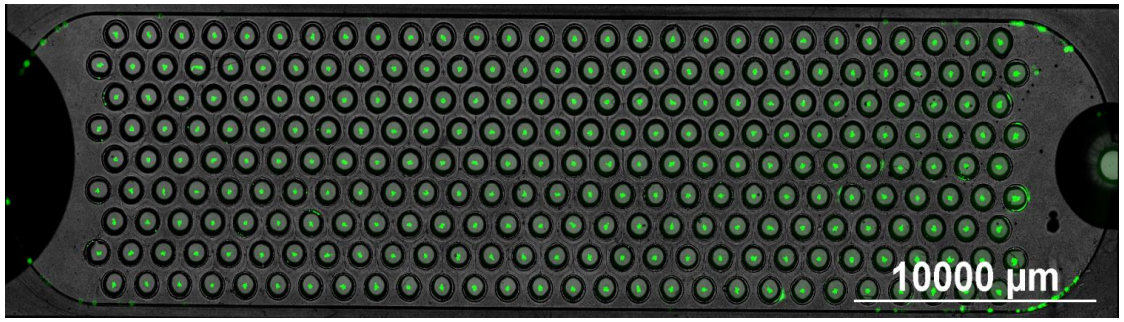


Protocol: CellHD-256
Replacing medium

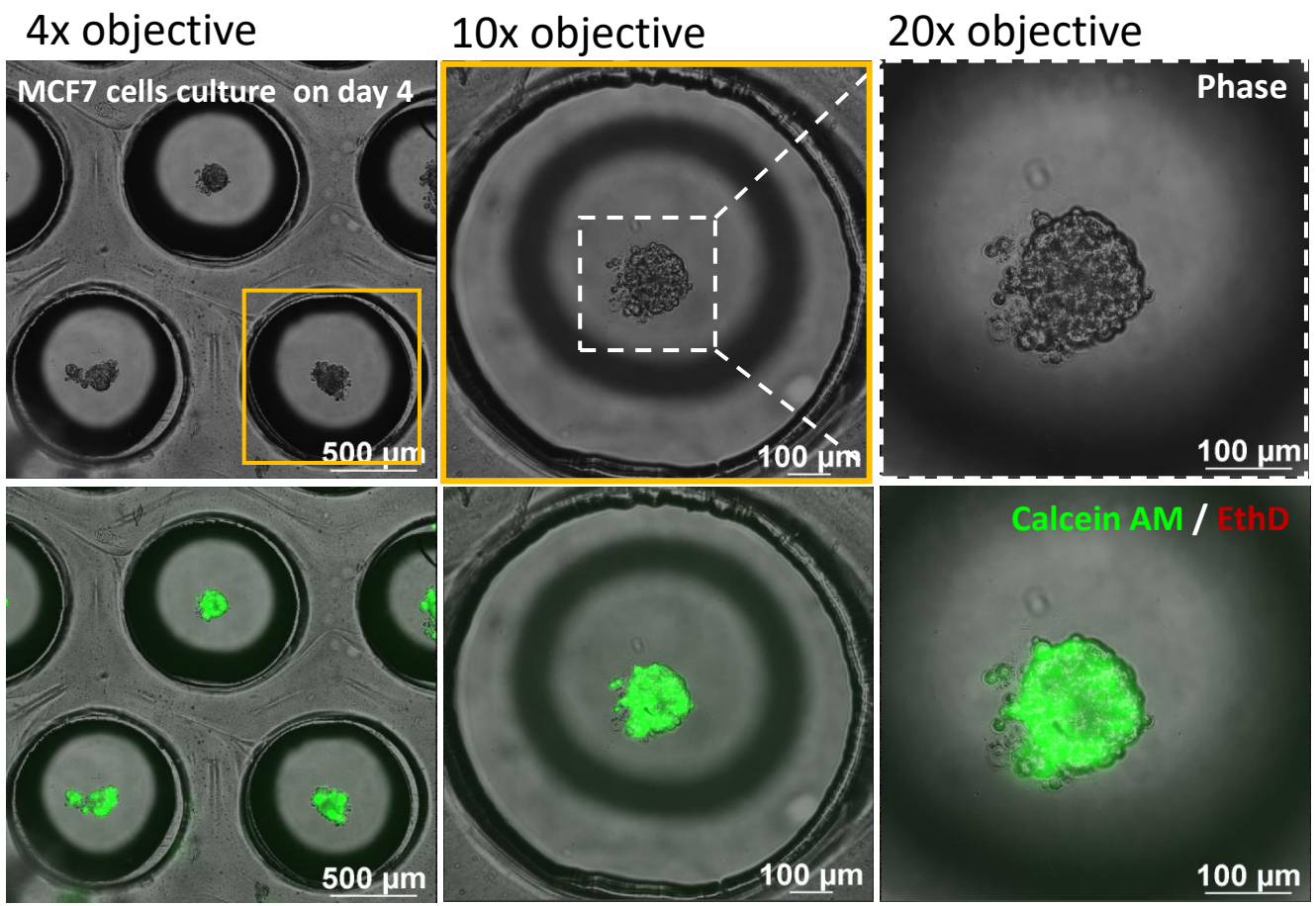




CellHD-256: Experimental result



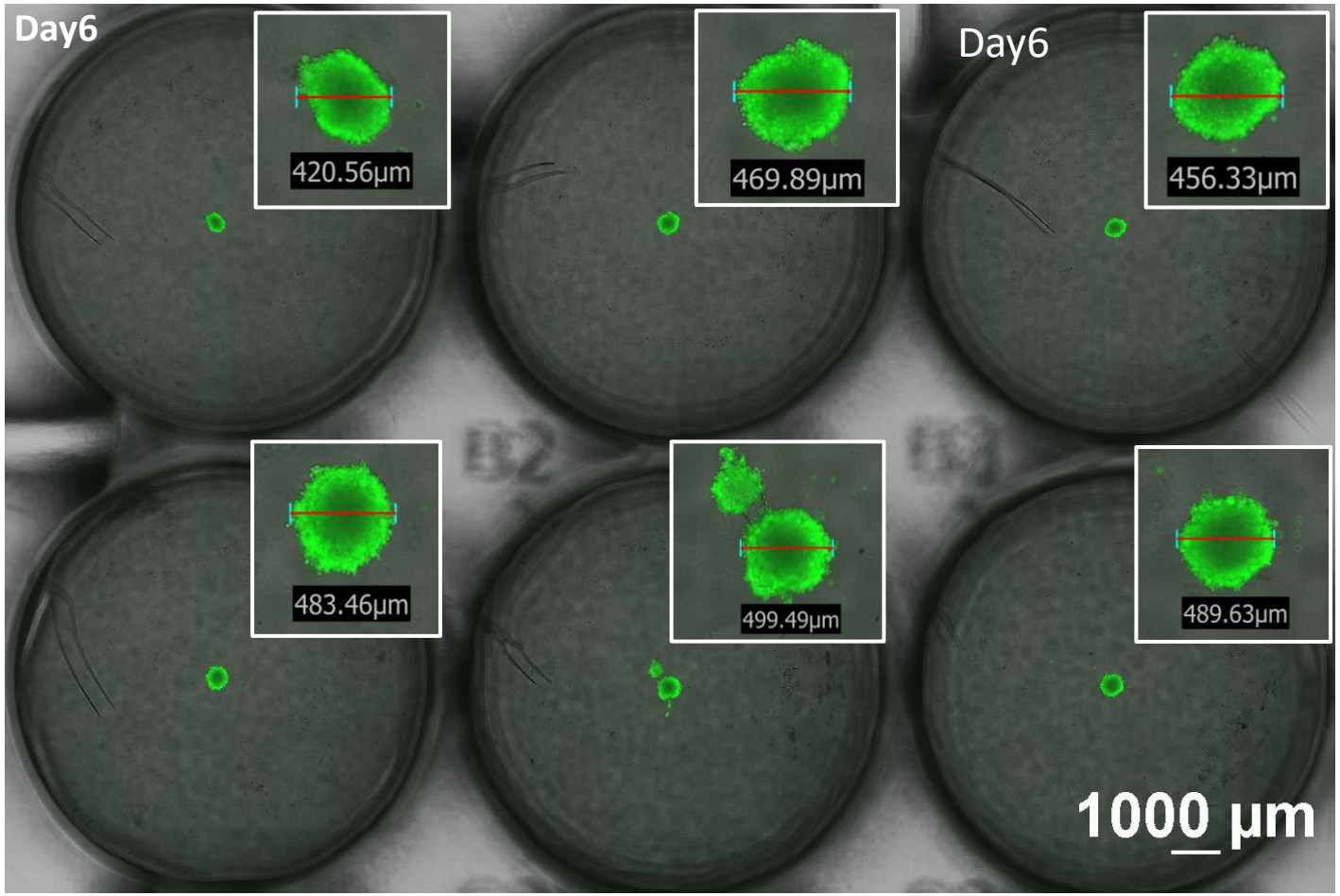
MCF7 cells culture on day 4



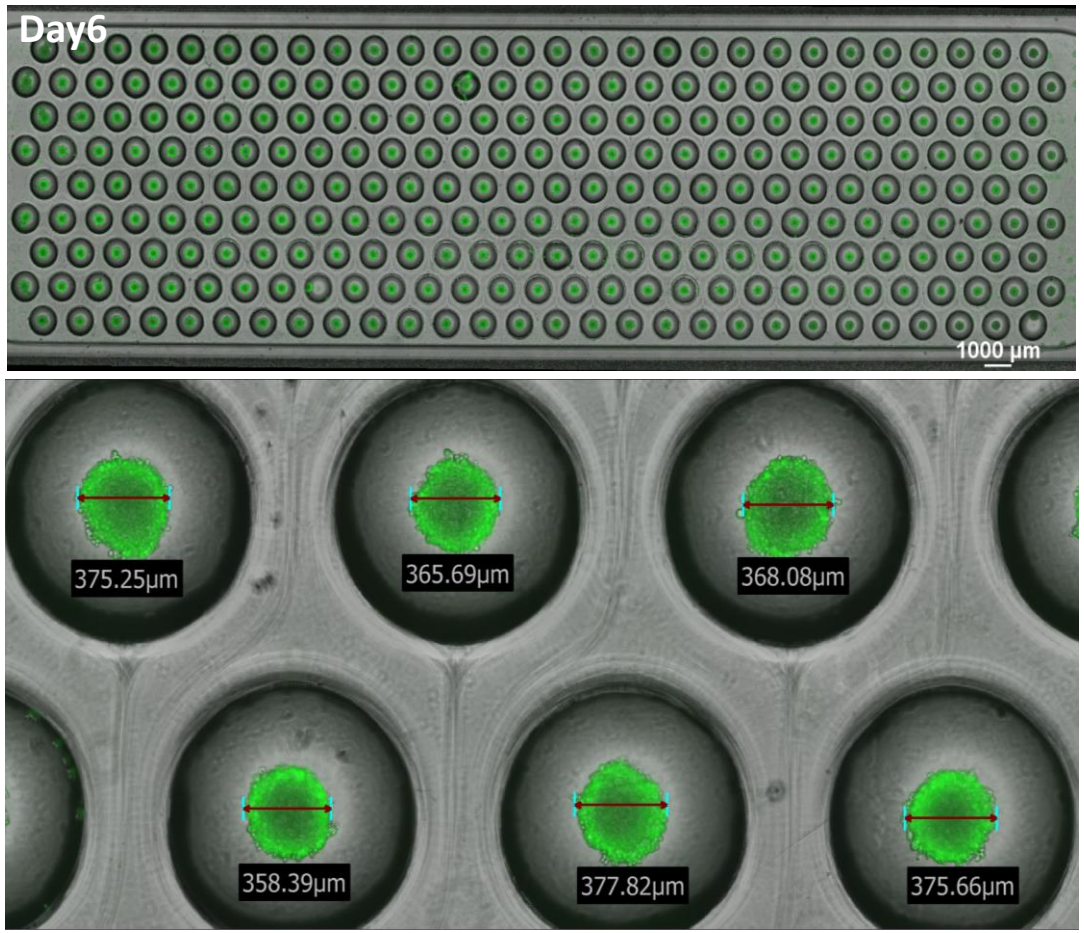
CellHD-256: Experimental result

U87 spheroids are cultured in ULA and CellHD-256 and stained with Calcium-AM on day 6.

ULA-plates

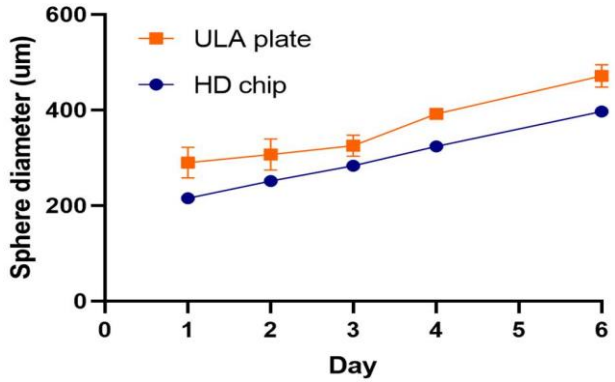


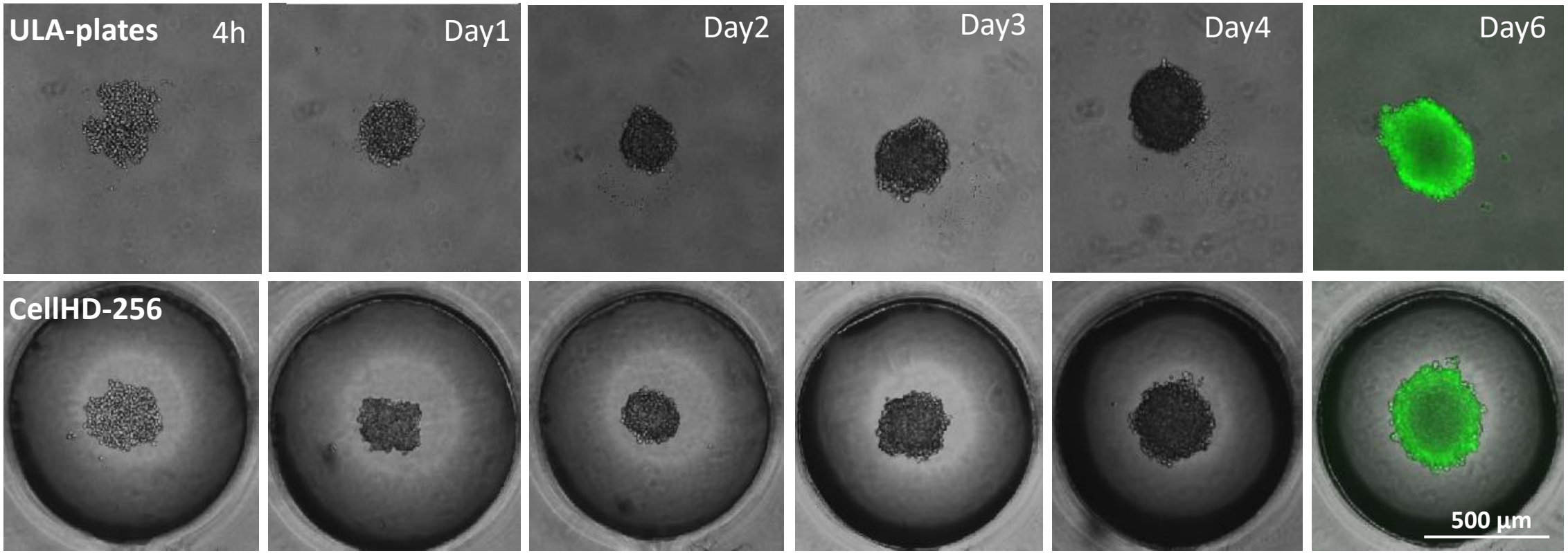
CellHD-256



CellHD-256: Experimental result

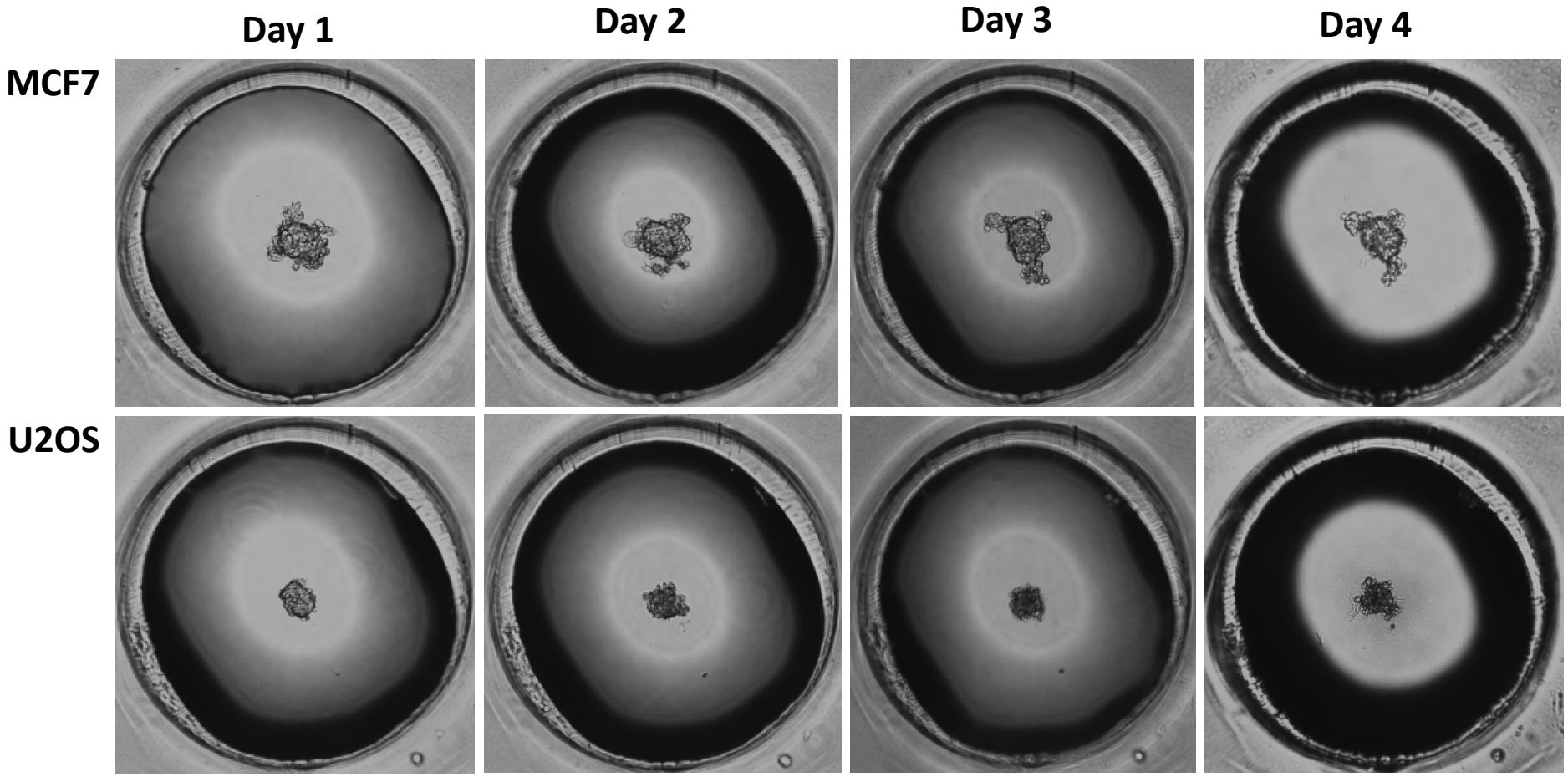
Increase in diameter of U87 spheroids cultured in ULA and CellHD-256.





CellHD-256: Experimental result

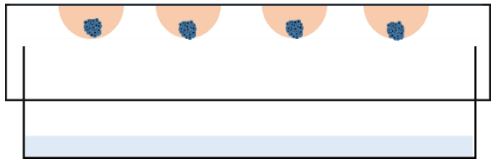
MCF7 & U2OS spheroids are cultured in CellHD-256.



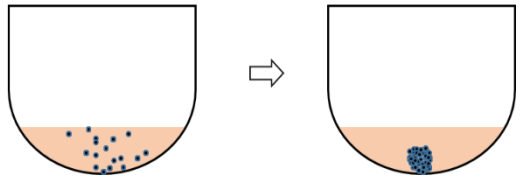
CellHD-256:

Comparison of Scaffold-free 3D Spheroid Culture Methods

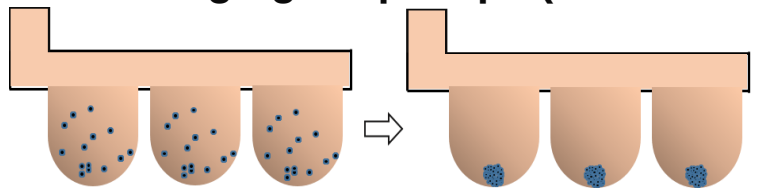
Drop hanging on dishes



Ultra-Low Attachment microplates



Hanging drop chips (CellHD-256)



	Drop hanging on dishes	Ultra-Low microplates	CellHD-256
Readily used	✓	✓	✓
Throughput	+	++	+++
Medium change	+	+	+++
High resolution observation	x	✓	✓
Circularity of spheroids	++	++	+++

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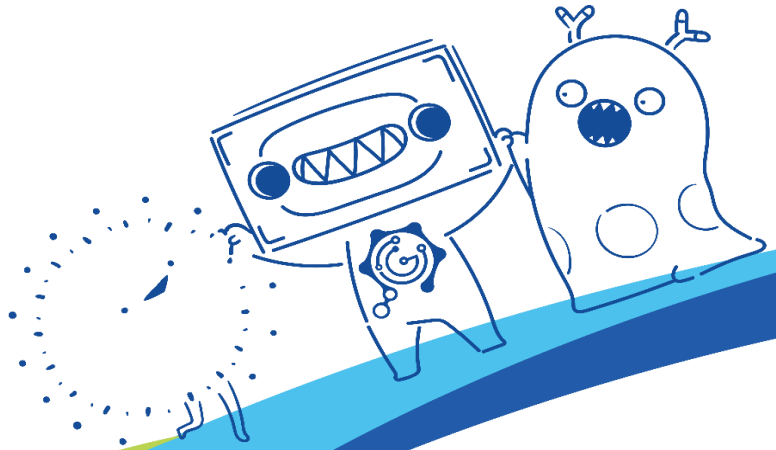

Thank you!