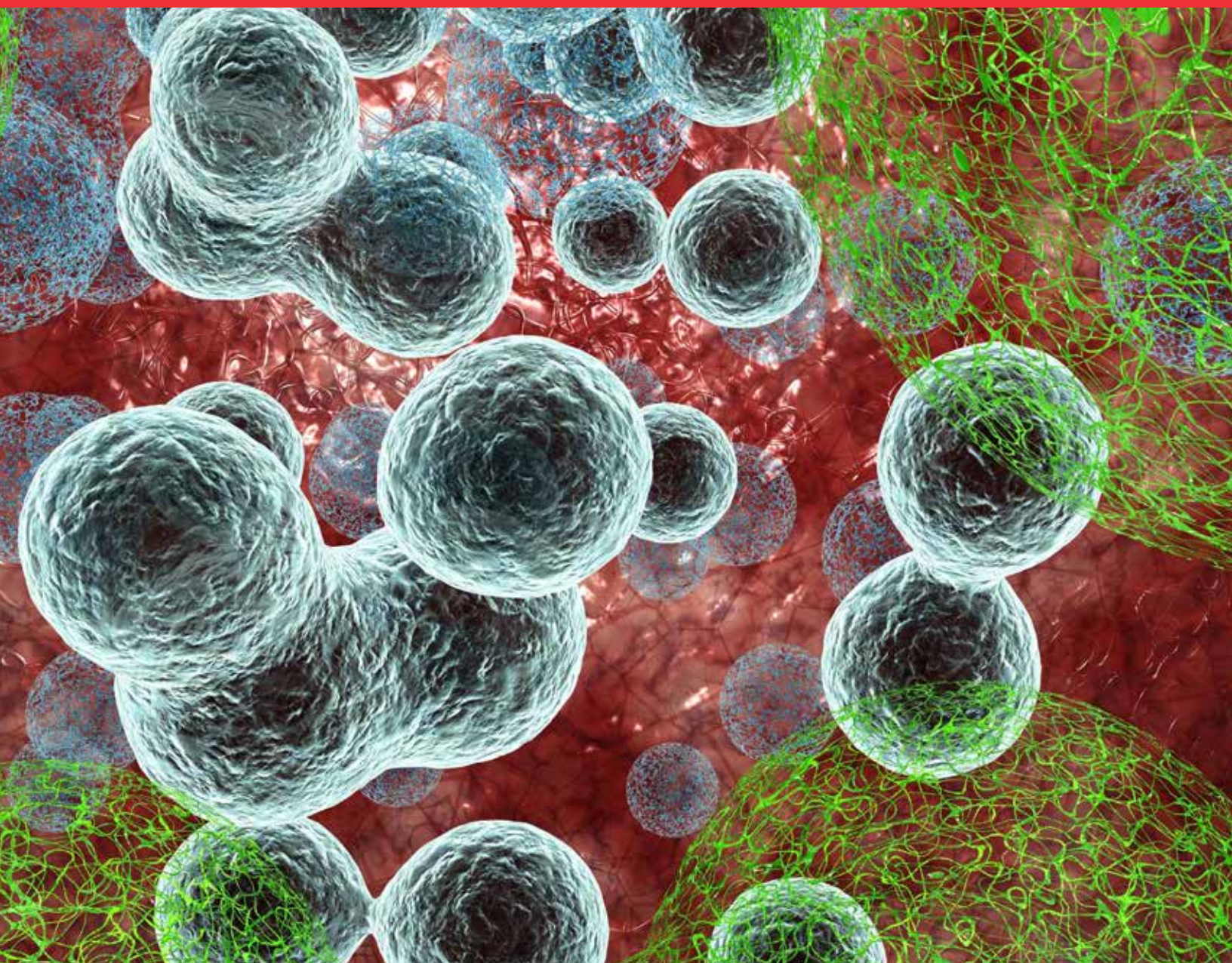


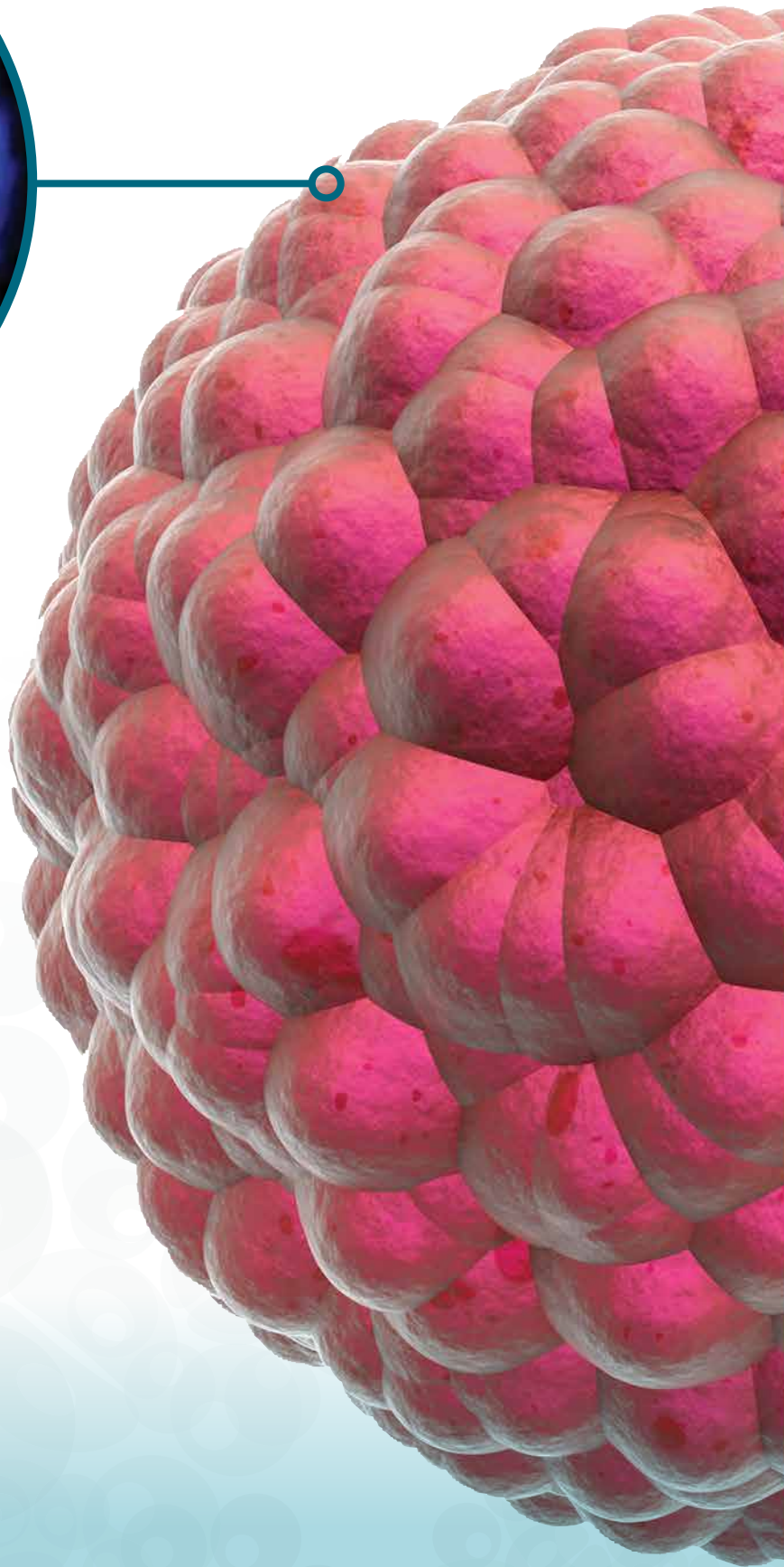
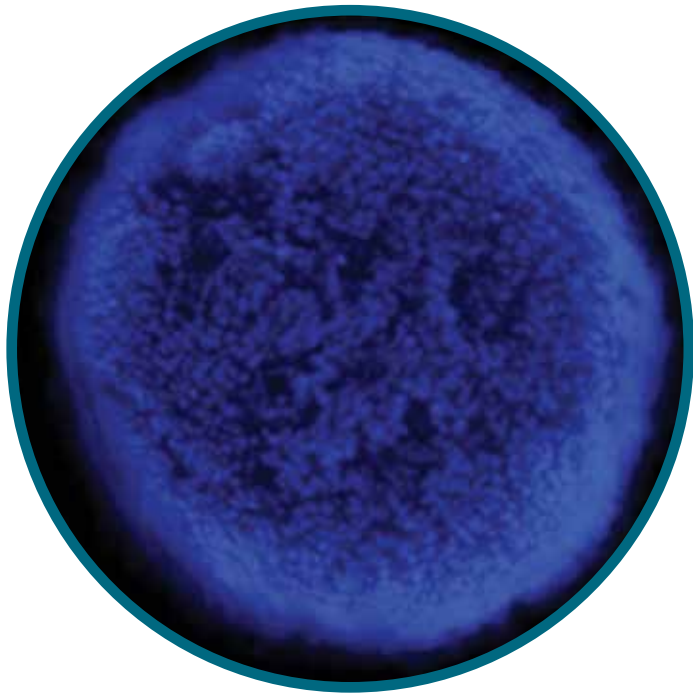
thermo**scientific**



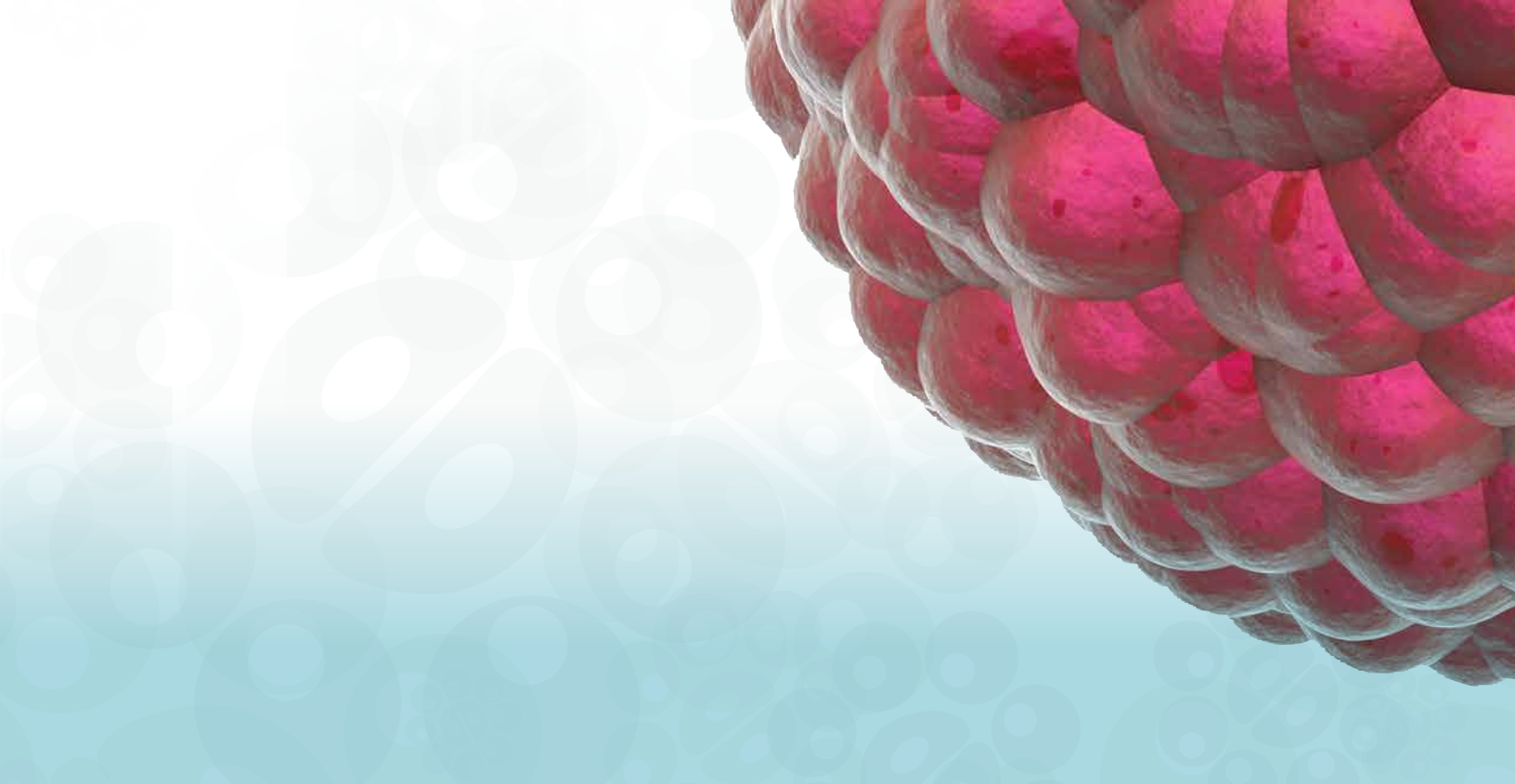
Nunclon Sphera products for spheroid culture

Making your most valuable work your best work

ThermoFisher
SCIENTIFIC



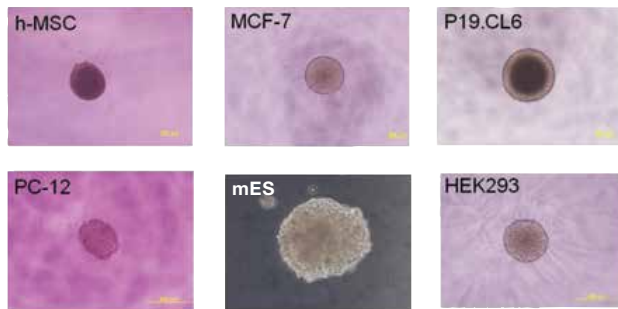
Suspension
growth



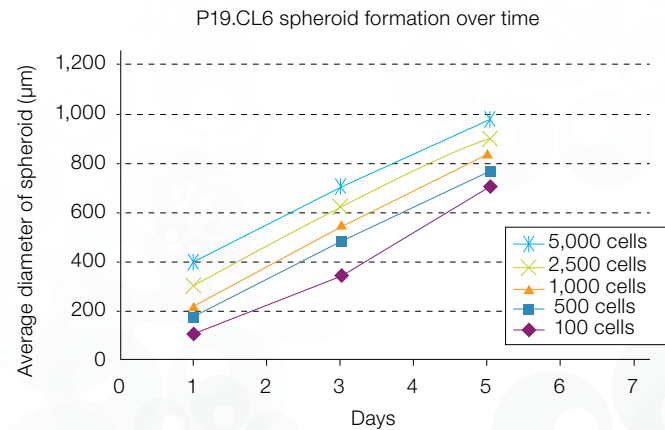
Advancing your cell culture research

Optimizing spheroid formation

The Thermo Scientific™ Nunclon™ Sphera culture surface allows cells to grow in suspension with virtually no cell attachment. The surface supports many different cell types and their ability to generate spheroids; studies show that over time, the spheroids grow in volume, indicating that the new surface enables consistent, repeatable cell growth.



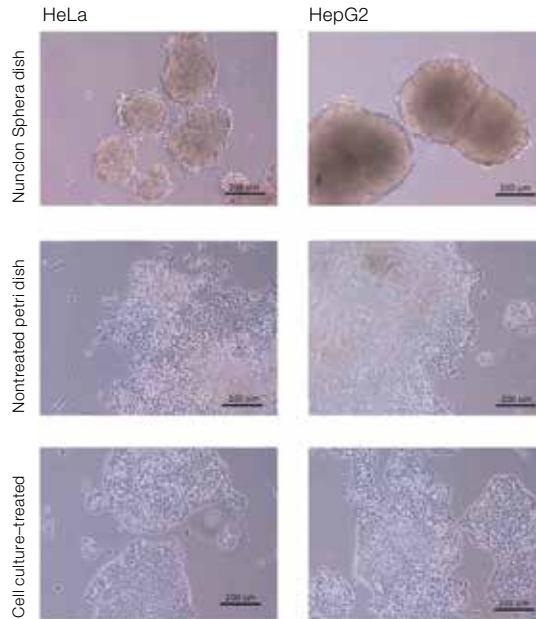
Enhancing spheroid cultures across many cell types



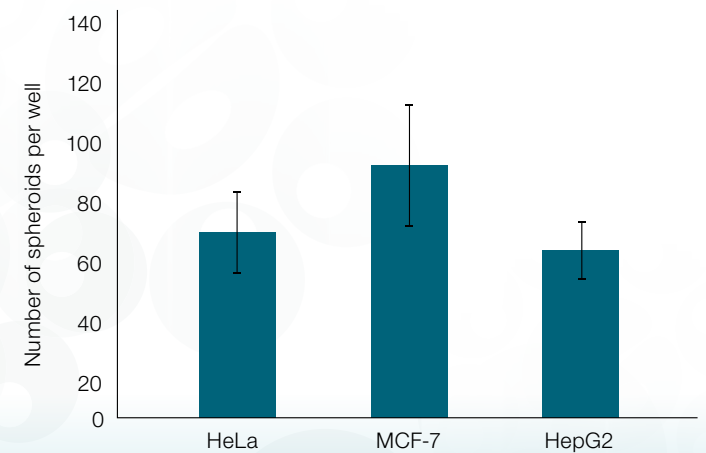
Expanding size of spheroids with different seeding densities

Growing 3D cancer cultures

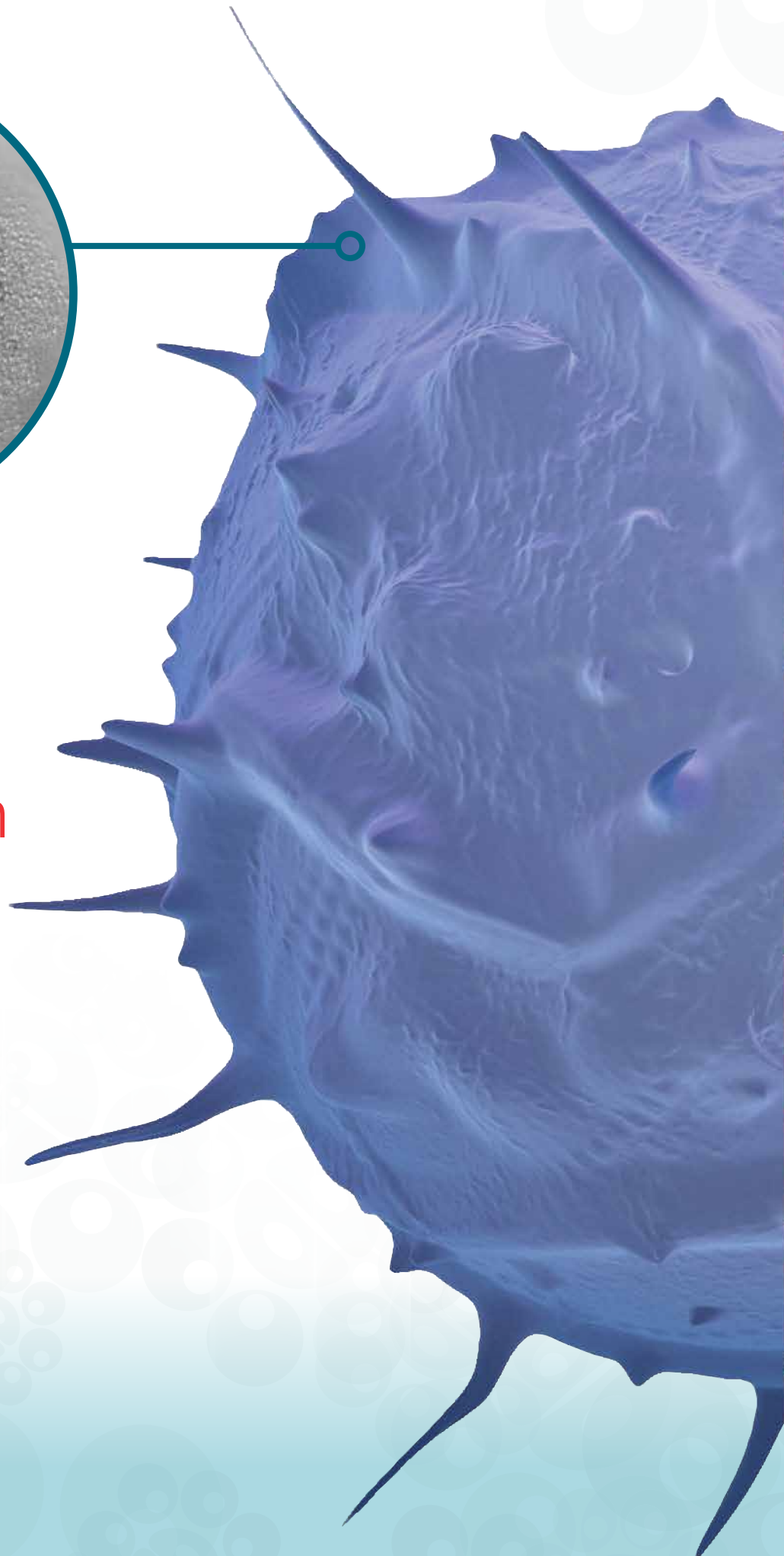
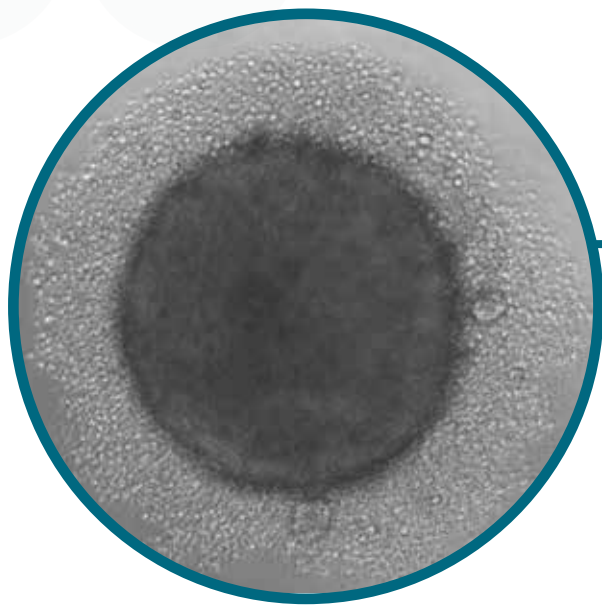
The Nunclon Sphera surface minimizes variability and supports the consistent formation of cancer spheroids that simulate the 3D structures of tumor growth, providing a better model system for studying tumor cell progression and efficacy of anticancer agents *in vitro*.



Outperforming nontreated petri dish growth for cancer spheroid culture



Generating a favorable number of cancer spheroids

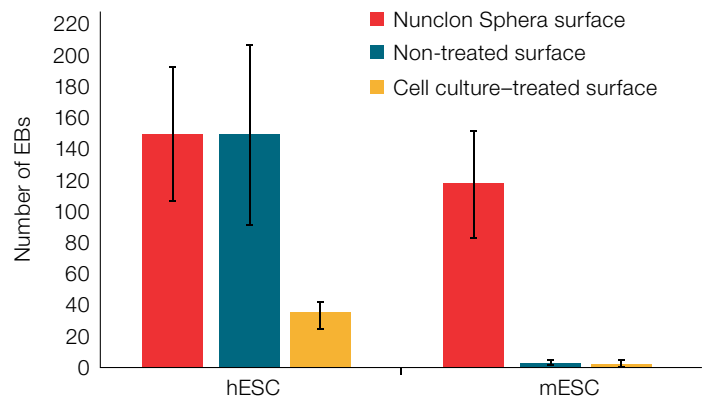
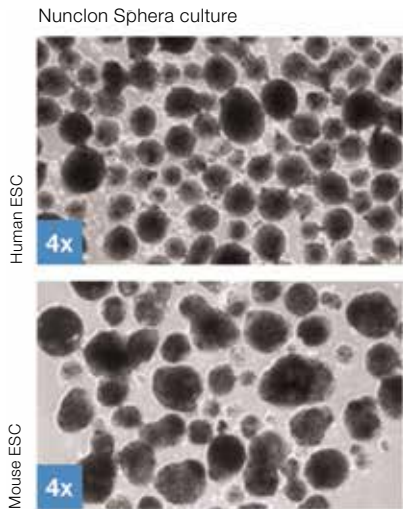


Spheroid formation

Elevating your stem cell research

Promoting formation of embryoid bodies (EB)

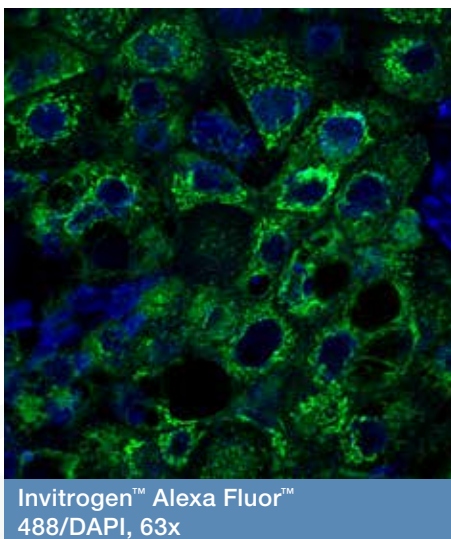
As an important milestone in the stem cell differentiation process, the Nunclon Sphera surface demonstrates superior quality for embryoid body formation of pluripotent stem cells with minimal spontaneous differentiation. The resultant cells are able to differentiate into all three germ layers.



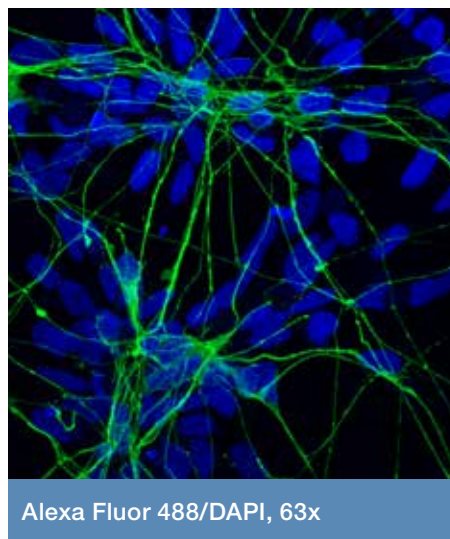
Optimizing EB formation of pluripotent stem cells

Outperforming other surfaces for consistent EB formation of different pluripotent stem cells

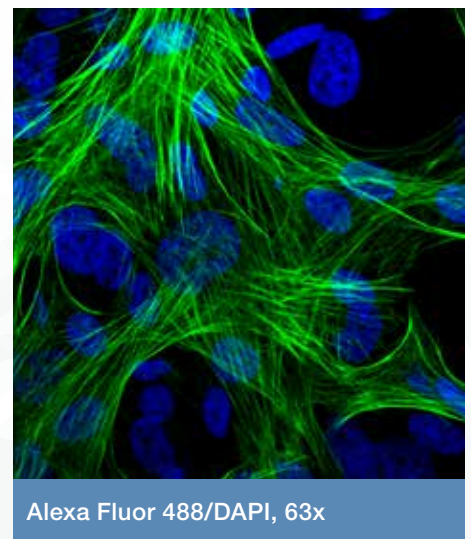
Beta-tubulin (ectoderm)



AFP (endoderm)



Alpha-SMA (mesoderm)



Maintaining differentiation potential of pluripotent stem cells

Ordering information

Product	Description	Units per bag	Units per case	Cat. No.
Nunclon Sphera Microplate	96-Well Plate, Round Bottom, 300 μ L/well	1	8	174925
	96-Well Plate, Flat Bottom, 400 μ L/well	1	8	174927
	96-Well Plate, Round Bottom, 300 μ L/well (bulk pack)	5	50	174929
Nunclon Sphera Multidish	24-Well Plate, 1.9 cm ² /well culture area	1	7	174930
	12-Well Plate, 3.8 cm ² /well culture area	1	7	174931
	6-Well Plate, 9.6 cm ² /well culture area	1	7	174932
Nunclon Sphera Dish	35 mm, 8.8 cm ² culture area	5	20	174943
	60 mm, 21.5 cm ² culture area	5	20	174944
	90 mm, 56.7 cm ² culture area	5	20	174945
T25 Nunclon Sphera Flask	25 cm ² culture area	6	18	174951
T75 Nunclon Sphera Flask	75 cm ² culture area	4	24	174952



Find out more at thermofisher.com/sphera

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