

Here is CERO | *it's new. it's 3D. it's ideal for your cell culture*



Meet a brand-new device for your cells.

+ Spheroids + Organoids + iPS Cells + Primary Cells +

CERO. A Benchtop Incubator & Bioreactor

[zero gravity, zero work load, highest yield]

- Convenient, simple Process** high cell yields, long term culture, cost-effective
- Relevant Cells** proprietary 3D cell culture technology, better diffusion, accelerated maturation
- Consistent Results** scalable to production level, automatable



Prof. Dr. Heikenwälder, Chronic Inflammation and Cancer, Deutsches Krebsforschungszentrum (DKFZ), Heidelberg, Germany

“Cultivating hepatocyte spheroids in CERO considerably improves expansion, differentiation, maturation and hepatic virus infection compared to monolayer culture. Our research takes advantage from healthy cells even from long-term cultures in CERO. Moreover, we are now able to perform 3D long-term culture of human tissue specimen in CERO - a paradigm shift.”

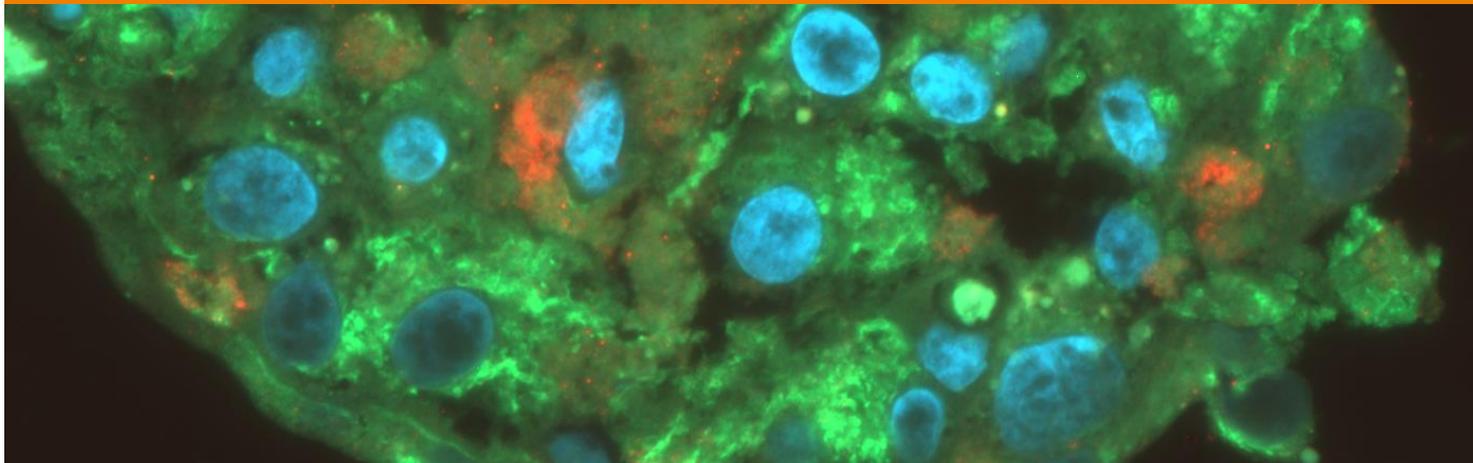


Find out more now. **Get in touch.**

- + Test it! Schedule your product demo
- + Join us for a free 15' webinar
cero.ols-bio.de

Get in touch for further information:
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OLS OMNI Life Science GmbH

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Enhance **your cell-based research.**

IF Image of Hepatocyte Spheroid Blue: DPI, Green: Albumin, Red: Pan-Cytokeratin

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CERO. A Significant Gain for Your Research

[zero gravity, zero work load, highest yield]

Outstanding Cell Quality Fully functional and validated cells

Less Workload Time-saving, automatic procedures, standardized protocols, walk-away operation

Highest Yield More mature cells, more relevant cells for drug discovery



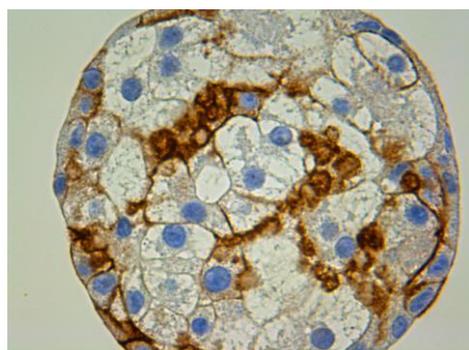
All spheroid images by T Riedl¹, A Keric², M Heikenwälder¹

¹Chronic Inflammation and Cancer (F180), Deutsches Krebsforschungszentrum (DKFZ), Heidelberg, Germany

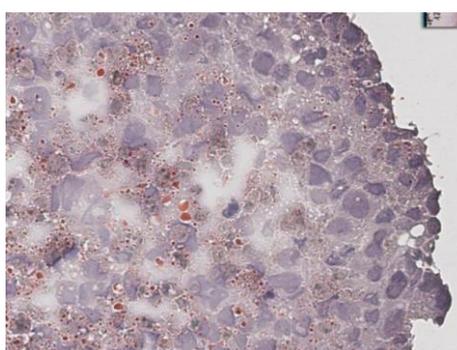
²OLS, OMNI Life Science GmbH & Co. KG
Healthy long-term cultures (2 – 3 months) of spheroides. CERO optimizes nutrient exchange with the medium and provides high biomass of mature cells.

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Hepatocyte Spheroid
CAIX as hypoxia marker, hepatocytes undergoing hypoxia (brown)



Spheroid cryo-section (4µm)
Sudan Red staining. Red: fat deposits generated by hepatocytes.

For research use only. Not for use in diagnostic procedures.

Get in touch for further information:
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