

Intelligent

Cell cultivation

Sphericalplate 5D®: Ready and easy to use 3D-cell culture platform for forming uniform, **standardized spheroids with high quality and yield**

No unwanted cell growth outside the microcavities

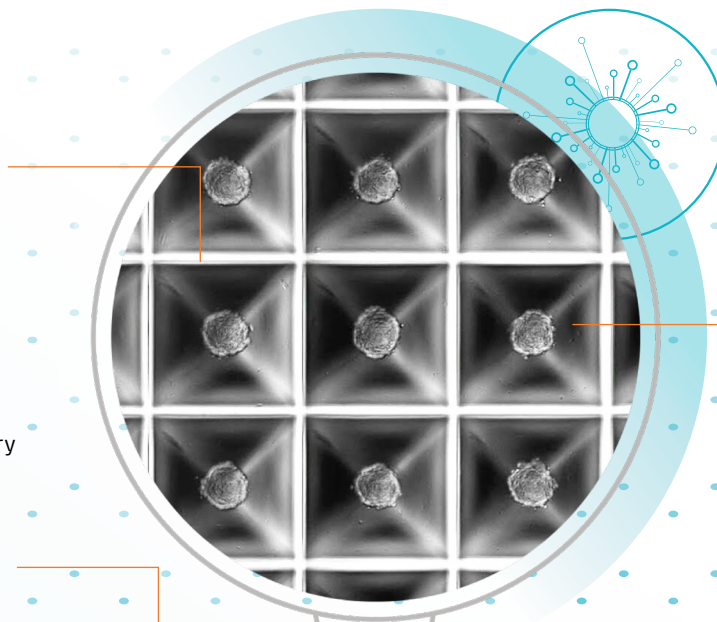
No cells adhere thanks to **sharp edges** at the top of the microwells

No hypoxic damage

Thanks to **aggregate size control** due to the geometry of the microwells

Perfect cell aggregation without cell surface signaling

Thanks to **patented coating** with low protein adhesion property



Scaffold-free, uniform clustering without surface-induced, non-physiological differentiation

Thanks to the rounded bottoms of the microwells

Lowering of a consistent number of cells

Thanks to the **special angle** of the microwells



12 wells with patented microstructure

Cultivation of 750 uniform, standardized spheroids per well – **9,000 per plate**

Real time imaging with the least possible background noise

Thanks to the **COC material** (cycloolefin copolymers)

12 standard wells

Implementation of **monolayer comparative studies**

