

# Intelligent

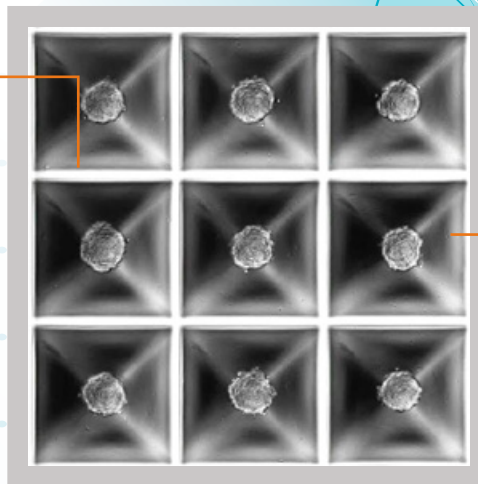
## Cell cultivation

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

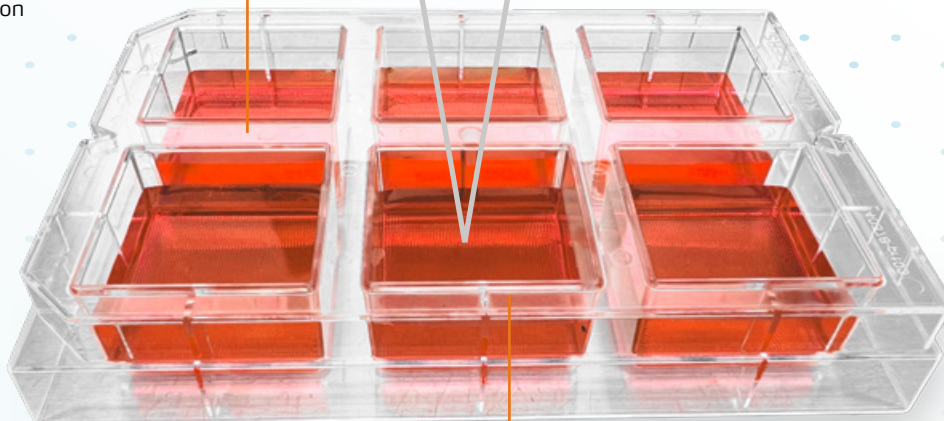
**No hypoxic damage since size of the aggregates controlled** by the geometry of the microwells

**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** due to the rounded bottoms of the microwells

**The special angle** of the microwells enables the **lowering of a consistent number of cells**



### 6 wells with patented microstructure

Cultivation of 3,364 uniform, standardized spheroids per well – **20,184 per plate**

**Real time imaging with the least possible background noise** by using the material **COC** (Cycloolefin-Copolymer)

### 6 standard wells

Implementation of **monolayer comparative studies**

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