



BIOFLOAT™

Top Performing
Ultra-Low
Attachment Plates



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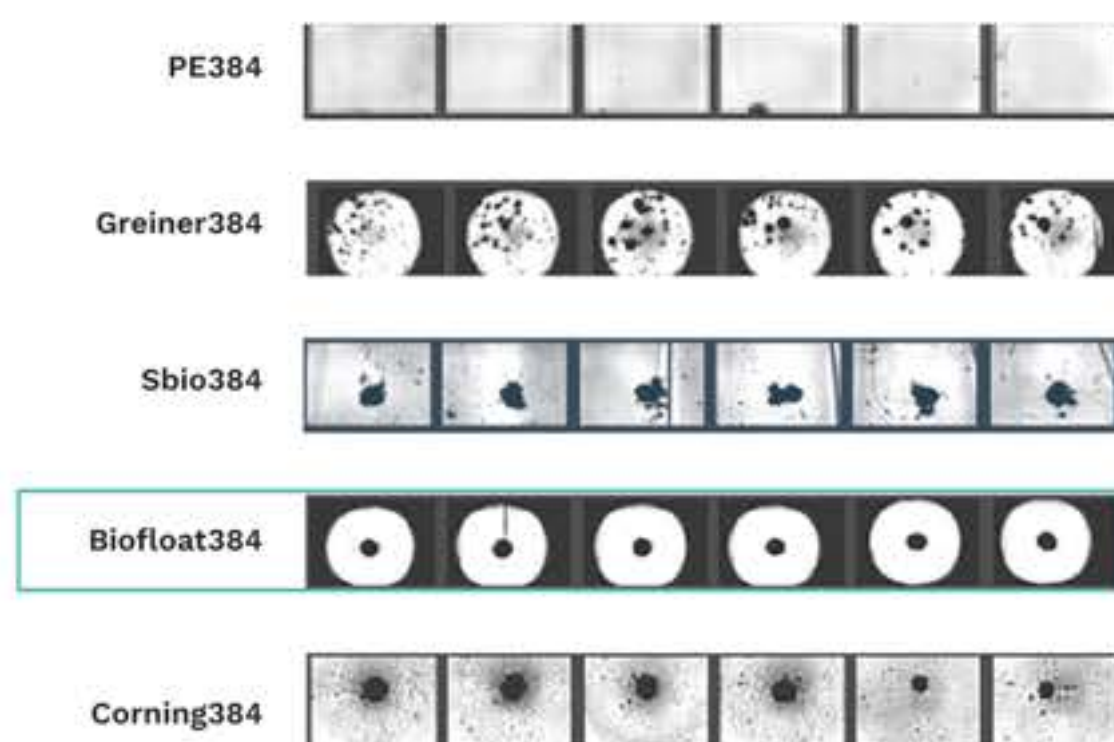
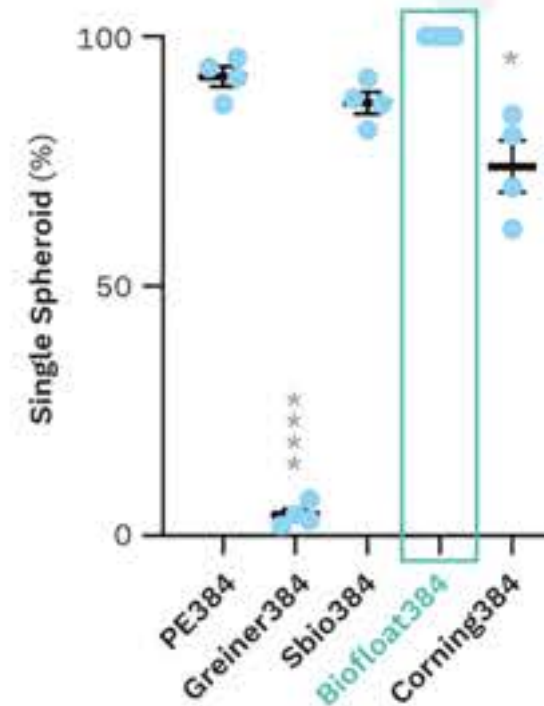


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BIOFLOAT™ coatings ensure reproducible, rapid and reliable spheroid formation

Results from a peer-reviewed benchmark study of 384- and 96-well plates¹

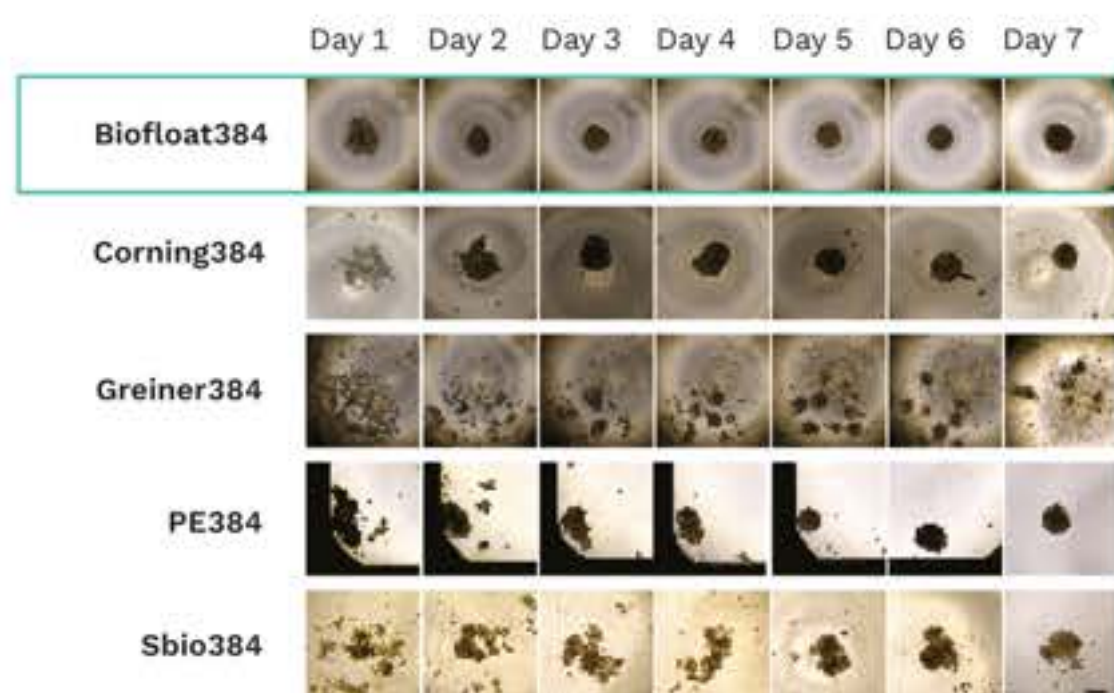
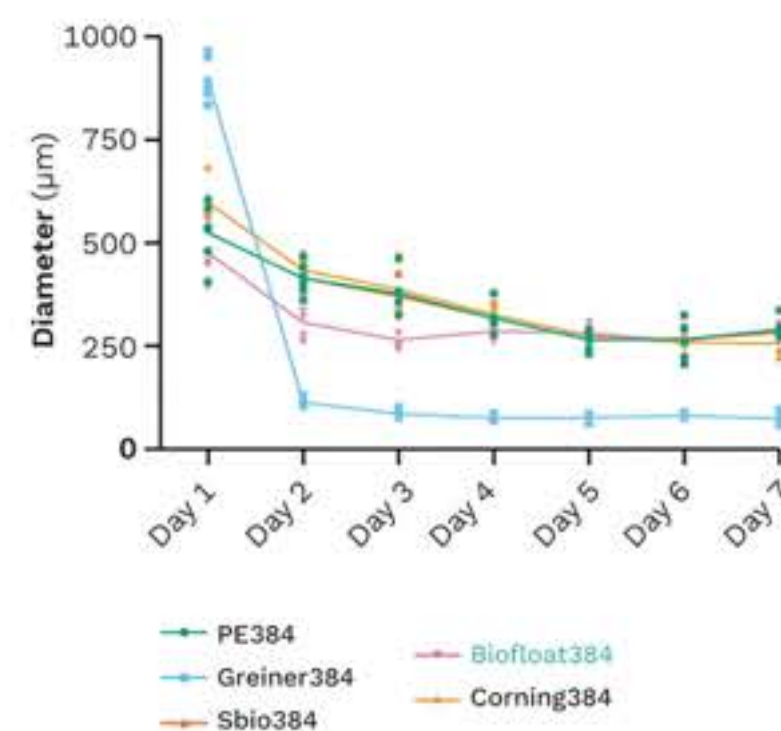
Highly reproducible spheroid formation in BIOFLOAT™ plates



The authors observed **100% single spheroid** formation of primary human hepatocytes only in BIOFLOAT plates among the tested 384-well plates.

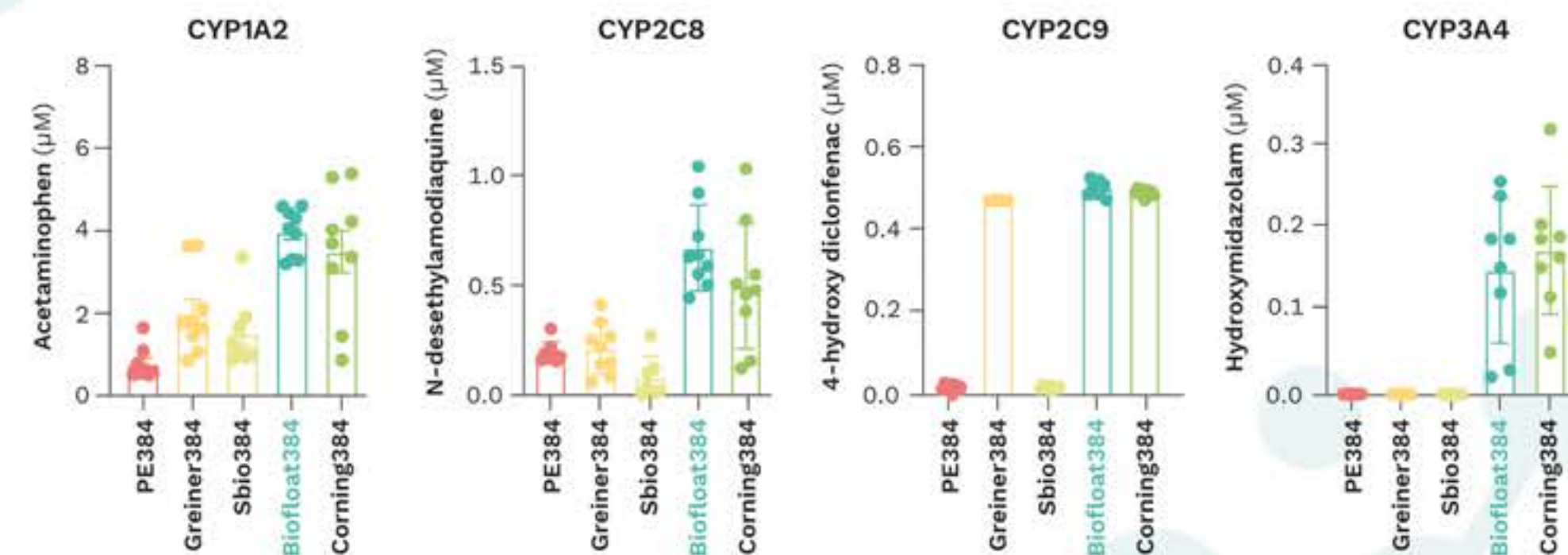
- BIOFLOAT plates are well suited for high-throughput pharmacological and toxicological experiments.

Rapid spheroid formation in BIOFLOAT™ plates



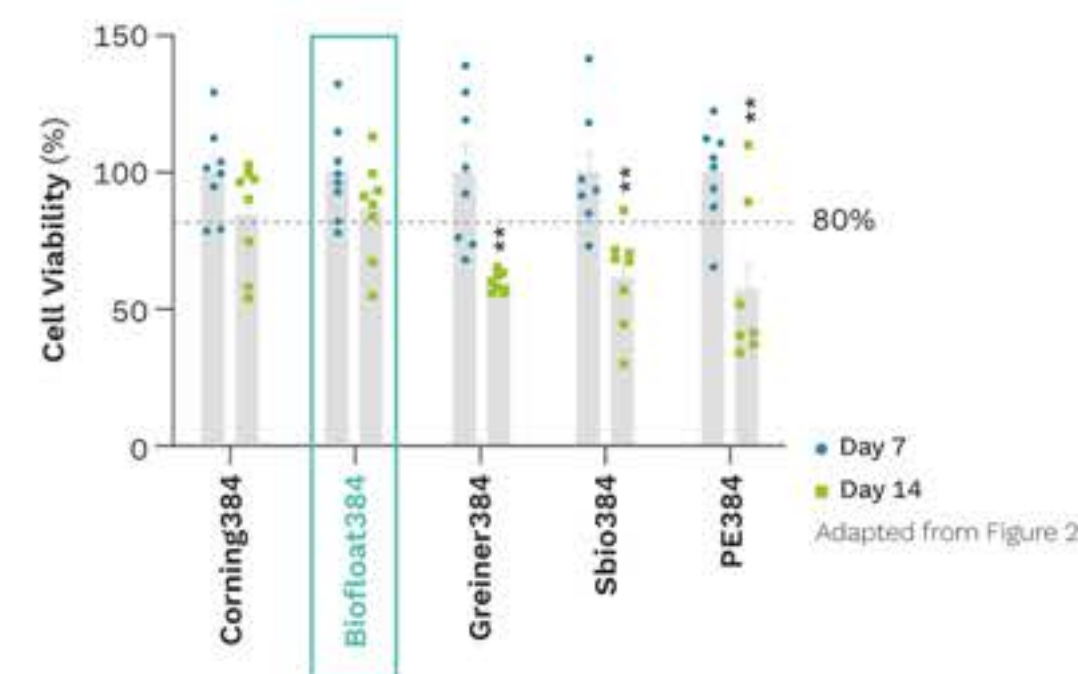
The figures show that primary human hepatocyte spheroids in BIOFLOAT plates reach their compact single spheroid status faster (**3 days**) compared to other plates (**5 to 6 days**).

Metabolically active spheroids in BIOFLOAT™ plates



In the benchmark study, primary human hepatocytes formed spheroids with **high metabolic enzyme activity** in BIOFLOAT plates. BIOFLOAT plates showed lower variability between different measurements of the same metabolite compared to the other plates.

Long-term cultivation of viable spheroids in BIOFLOAT™ plates



According to the results of the benchmark study, BIOFLOAT plates enable **long-term cultivation of highly viable** primary human hepatocyte spheroids. ATP levels dropped significantly already at day 14 in almost all other plates.

Stable primary canine hepatocyte spheroids in BIOFLOAT™ plates



BIOFLOAT plates were among the few tested models that supported the formation of primary canine hepatocyte spheroids. Authors observed that **one stable aggregate per well** formed in BIOFLOAT plates, whereas many small aggregates were observed in the wells of other plates.

¹ Data presented on this flyer have been published in the Biotechnology Journal as results of the study "The choice of ultra-low attachment plates impacts primary human and primary canine hepatocyte spheroid formation, phenotypes and function" conducted at the Karolinska Institutet by the group of Prof. Dr. Volker M. Lauschke (Xing C. et al., 2024 - Biotech J).



Check the publication: Xing C. et al., 2024 - Biotech J

BIOFLOAT™

Product Lineup

Perfect spheroids for
your cell cultures



Rapid
Formation of
spheroids



Reproducible
Uniform Spheroids &
Organoids for perfect
data consistency



Reliable
3D structure with
challenging cell lines

SKU	Name	Number of wells	Bottom shape	Packaging
F202302	BIOFLOAT™ 6-well cell culture plates	6	F	1PCs (sterile)
F202303	BIOFLOAT™ 24-well cell culture plates	24	F	1PCs (sterile)
F202301	BIOFLOAT™ 96-well cell culture plates	96	F	1PCs (sterile)
F202003	BIOFLOAT™ 96-well cell culture plates	96	U	4PCs (sterile)
F224384	BIOFLOAT™ 384-well cell culture plates	384	U	4PCs (sterile)
F202005	BIOFLOAT™ FLEX coating solution	—	—	60 ml



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