

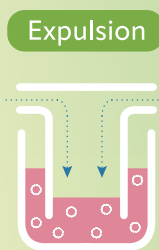
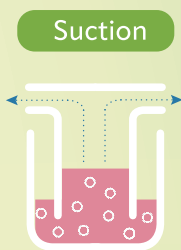
S.NEST 2.0

Novel Micro-Bioreactor System

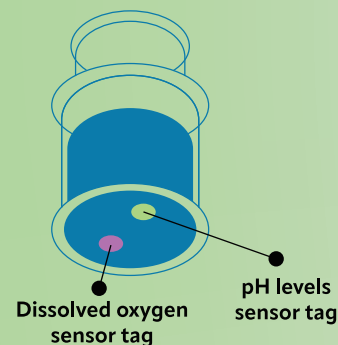
Accelerated scaling & Intelligent process strategy for cultured meat research



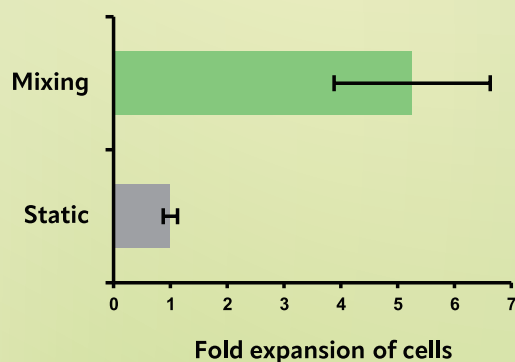
Patented
96/24-well
agitation
technology



Non-
invasive
DO/pH
monitoring



Mixing enables higher cell growth
compared to static culture

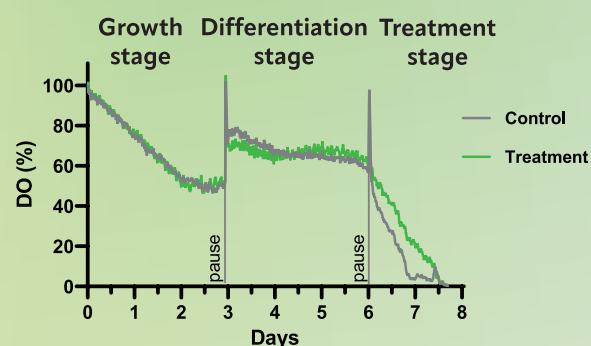


Boosted oxygen transfer rate



Homogeneous nutrient distribution

Real-time DO tracking for
every cell culture phase



Real-time cell growth indicator



Informing smart feeding strategy

More applications to your cultured meat research

01

High-performance cell selection

Screen for bioreactor-ready cells under shear stress from day one using small-scale agitation models.

02

Optimised culture media

Use multi-variable DOE with real-time DO/pH data to refine serum-free media and reduce cost.

03

Scalable scaffolding

Test 384 cell-scaffold combinations in parallel to optimize cell attachment and structural integrity.

04

Differentiation tracking

Track cell differentiation and metabolic activity in real time to guide process optimisation.



Website



LinkedIn

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