



Univercells Technologies

The next generation of biomanufacturing

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| The next evolution of biomanufacturing

Univercells Technologies was launched at the initiative of two global groups to deliver intensified & integrated platforms enabling access to life-saving therapies

Univercells Technologies' genesis



2020

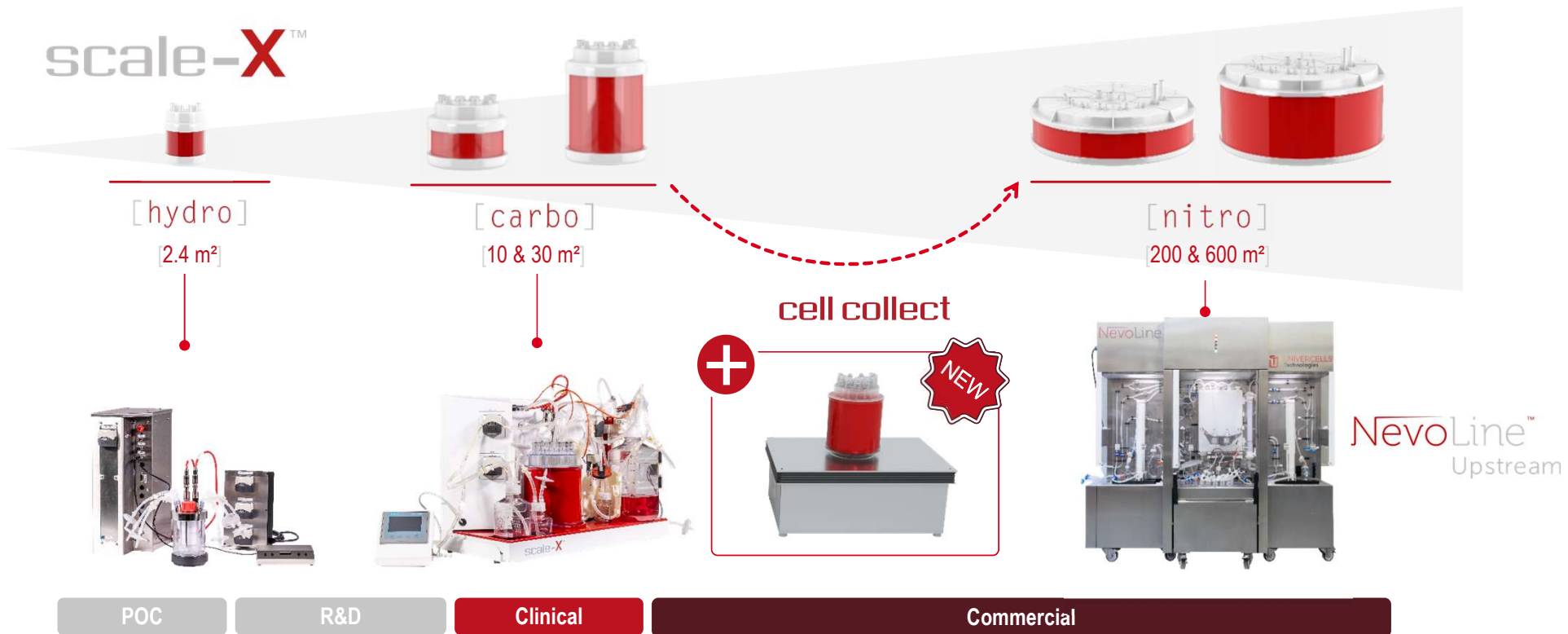


Designing and delivering the next evolution of **biomanufacturing**

Global provider of innovative biomanufacturing technologies to achieve cost-effective advanced therapies production from R&D to commercial scales

An intensified & integrated portfolio of innovative **biomanufacturing solutions**, from **R&D to commercial scales**

The scale-X™ product range and the NevoLine™ Upstream platform



The NevoLine Upstream platform offers an integrated & automated solution for intensified industrial-scale vaccine manufacturing

NevoLine Upstream platform

1 Cell culture & viral production

scale-X™ [nitro]
200 & 600 m²



2 Clarification I

3 Tangential Flow Filtration

4 Clarification II



Flexible by design

Accommodates a range of single-use configurations tailored to the process design

Increased reliability

Automated process reduces the number of manual interventions and risks of operator-related errors

Scalable solutions

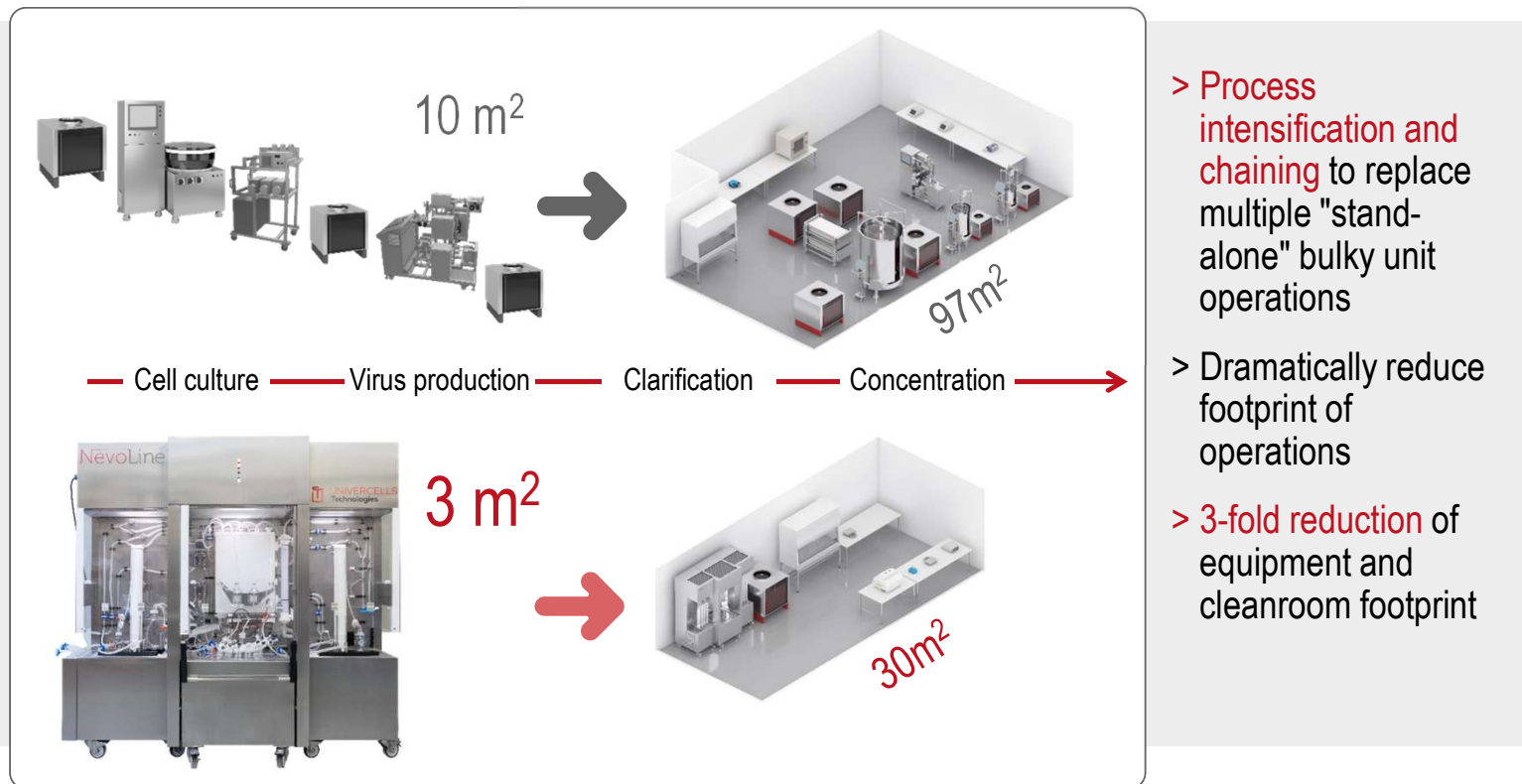
Representative scale-down models available to streamline process development

Large capacity in a compact system

Delivers high productivity per cleanroom surface with significant operating cost savings

The **NevoLine** Upstream platform enables **high viral throughput** with a **dramatically reduced footprint**

NevoLine Upstream vs packed-bed bioreactor | Upstream manufacturing footprint reduction



The **NevoLine** Upstream platform enables **high performance** in vaccine manufacture, reaching millions of doses per year


Vaccine production in the NevoLine Upstream platform

NevoLine™ Upstream

scale-X™ [nitro]

Doses/**batch**

Doses/**year**

			Doses/ batch		Doses/ year		
	Dose size	Unit	200 m ²	600 m ²	200 m ²	600 m ²	
	rVSV- LASV	2.00E+07	PFU	>11M	>34M	228M	684M
	sIPV	58.00	DU (trivalent)	>150k	>0.5M	>3.5M	>11M
	VSV- Ebola	2.00E+07	PFU	>100k	>300k	>2M	>6M
	nOPV	2.00E+05	TCID50	85M	255M	>1,5B	>5B



Thank you
for your attention
www.univercellstech.com

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