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Dedicated to developing FIC allogeneic iPSC cell therapy products for global CNS diseases patients.



Global patents in iPSC reprogramming, neural differentiation and cell engineering.



hNPC01, iPSC-derived forebrain neural progenitor cell injection, received FDA IND clearance in 2024. Positive outcome of phase I clinical trial targeting chronic ischemic stroke supports hNPC01 as a RMAT product.

Pipeline	Indication	R&D	CMC	Preclinic	Phase 1	Phase 2/3
hNPC01 Human Forebrain Neural Progenitor Cell	Stroke	[Progress bar: R&D, CMC, Preclinic, Phase 1]				
	Epilepsy	[Progress bar: R&D, CMC, Preclinic]				
	Traumatic Brain Injury	[Progress bar: R&D, CMC, Preclinic]				
	Cerebral Palsy	[Progress bar: R&D, CMC, Preclinic]				

Contact Us

BD@hopstem.com

www.hopstem.com



“From Bench to Batch: Operational Readiness for ATMPs in the New Regulatory Era”

Presented by: Patrick Dentinger, CEO of CellPort

Location and Time: June 27, at 11:45AM in the Malvern Room

In this talk, we will cover:

- The cost barriers facing ATMP manufacturing and how regulators are signaling openness to new, more flexible approaches
- A practical digitalization strategy to enhance traceability, regulatory compliance, and day-to-day lab efficiency
- The value of contextualized, transparent data capture in enabling both regulatory alignment and scalable operations



Visit our website at www.cellportsoftware.com

Integrated Solutions for Cell & Gene Therapy Product Development



Preclinical / <i>in vivo</i>	Bioanalysis	CMC And Analytics
<ul style="list-style-type: none">Product Type - Cell and gene therapy, LNPs, vaccines, biologics, small moleculesStudy type - PK, Distribution, Tolerability, Toxicity/SafetyStages - Discovery to IND enabling GLP toxicology studiesSpecies - Mouse, Rat, Dog, Minipig, Rabbit, Sheep, NHPDose Routes - Standard and specialized (Ocular, CNS, Cardiovascular)Models - Wild-type, Transgenic, Immunocompromised, disease stateFacility - AAALAC-accredited, in-house IACUC, USDA registered, FDA inspected/audited, ISO certified	<ul style="list-style-type: none">Biodistribution, viral sheddingCell fate, engraftmentBiomarkersImmunogenicity (humoral and cellular response)ImmunophenotypingStage of Development<ul style="list-style-type: none">Discovery/ScreeningPreclinicalClinicalQualityNon-GLPGLP/GCLPCLIAPlatforms<ul style="list-style-type: none">qPCR, dPCR, ddPCR, LC-MS/MS, ELISA, MSD, Flow, Luminex, HPLC and more	<ul style="list-style-type: none">Scalable AAV GMP manufacturing platform leveraging suspension and chromatography-based processes, with high-throughputProprietary cell line and plasmid technology optimized for enhanced production efficiencyComprehensive biophysical and physicochemical characterization package to support regulatory filingsCustomizable, phase-appropriate potency assay development, validation, and testingGeneration & Testing of Master and Working Cell banksExperienced team with end-to-end product development expertise 

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JOIN TALK

From months to days: Finally low-variability quantification of titer, VCN, and genome integrity without tradeoffs

June 27 | 3:00-3:30 pm | Centennial Ballroom II

Eleen Shum

Founding Scientist + VP of Product

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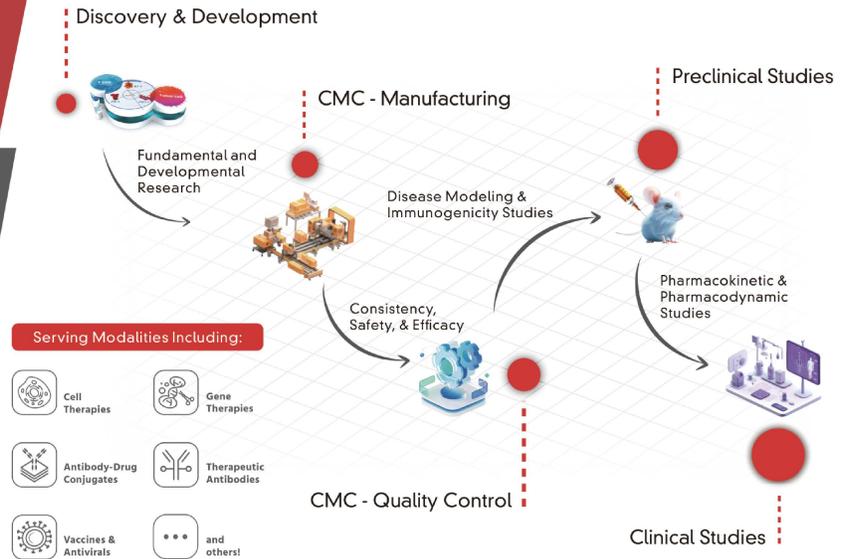
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- *European Biophysics Journal* (2025)



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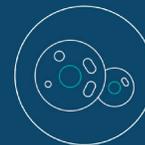
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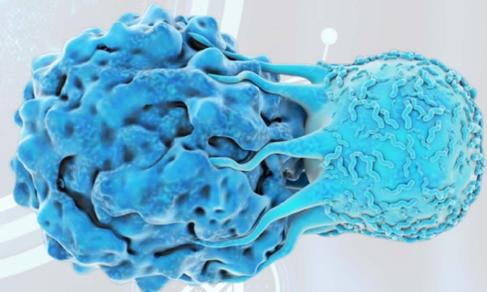
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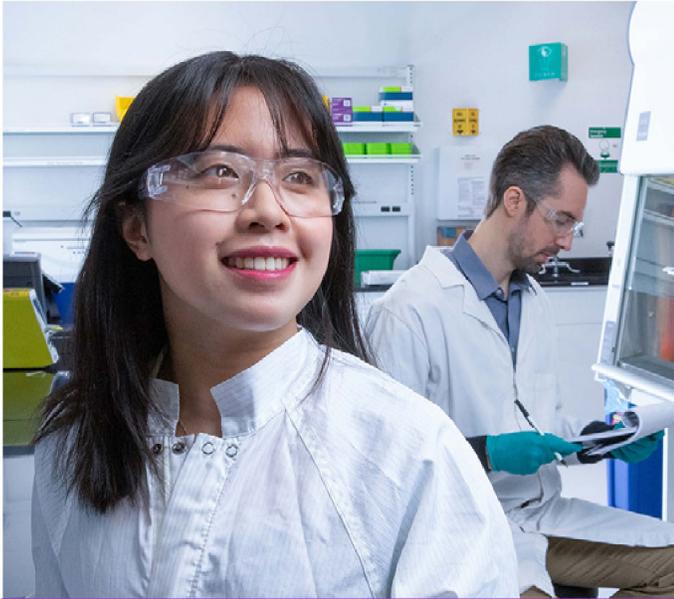
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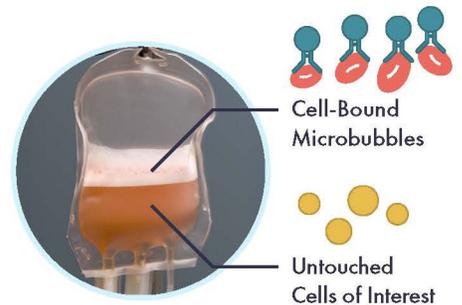
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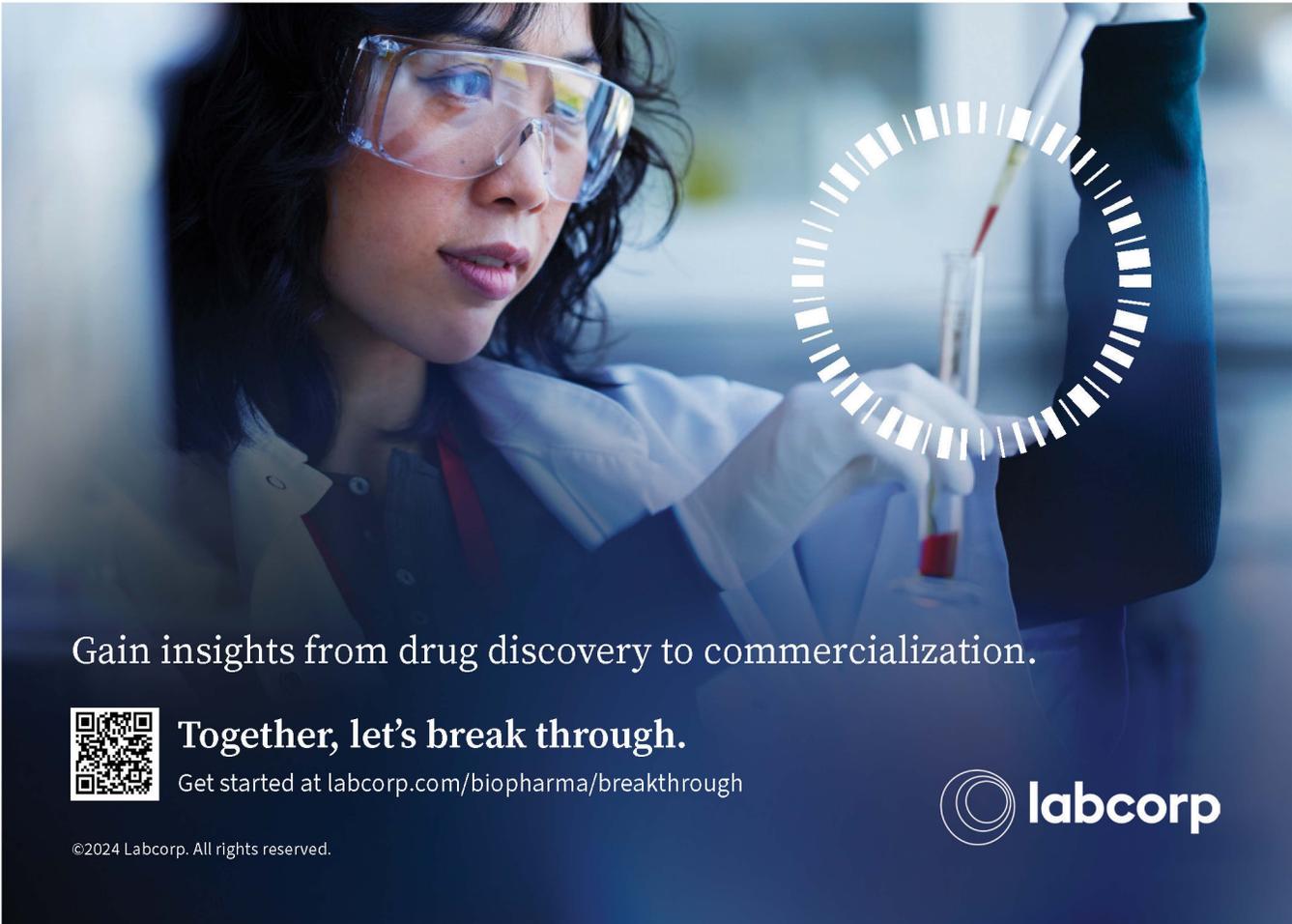


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