



celularity

# THE NEXT EVOLUTION IN CELLULAR MEDICINE

**Investor Presentation**

June 2023



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# ABOUT CELULARITY

**Celularity Inc. (Nasdaq: CELU)** headquartered in Florham Park, N.J., is a biotechnology company developing placental-derived allogeneic cell therapies and advanced biomaterial-based therapeutics products.

- Our **IMPACT** platform capitalizes on the benefits of placental-derived stem, progenitor and immune cells to target multiple diseases and provides seamless integration, from bio-sourcing through manufacturing cryopreserved and packaged allogeneic cells at our purpose-built 150,000-square-foot facility.
- Our **cell therapy investigational products** — stem cell-derived unmodified and genetically modified natural killer (NK) cells, T-cells engineered with a CAR (CAR T-cells), and mesenchymal-like adherent stromal cells (MLASCs) — are the foundation of programs in cancer, autoimmune, infectious, immunological and degenerative diseases.
- Our **advanced biomaterial commercial products** target indications in degenerative diseases.
- A comprehensive and deep (>1,500) worldwide patent portfolio protects our platform, processes, applications and technologies.





**Deliver innovative off-the-shelf allogeneic cellular medicines and biomaterials for patients with high unmet need at unparalleled scale, quality and economics**

**Lead the transformative potential of placental-derived therapeutics:**

advance the discovery of the placenta as an abundant, renewable source of advanced biomaterials and newborn cells, which are biologically preferred to cells from adult bone marrow or peripheral blood.

**Target high value markets with high unmet need:**

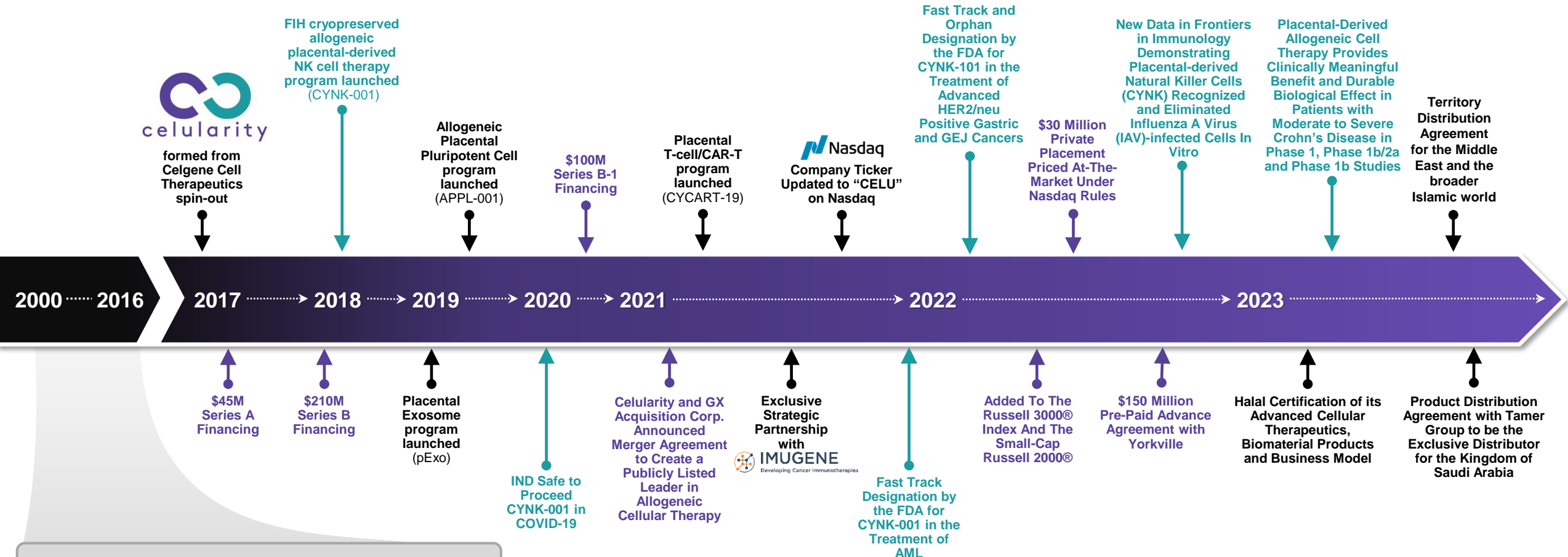
broad therapeutic applications including cancer, autoimmune, infectious, immunological and degenerative diseases.

**Deliver off-the-shelf, affordable therapies:**

cryopreserved allogeneic cellular medicines and biomaterial products that clinicians can access on demand and off-the-shelf, enabling repeat dosing/multiple cycles as typical of the outpatient setting.

# CELULARITY: COMPANY HISTORY

## Celgene Spin-out (2017) Leveraging 20+ Years of Cellular Therapeutics Innovation



2000 – Anthrogenesis Corporation – Founded by Dr. Robert Hariri

2002 – Anthrogenesis acquired by Celgene, becomes Celgene Cellular Therapeutics

2005 – Allogeneic Placental Mesenchymal-like Stromal Cells in Crohn's, DFU

2016 – FIH allogeneic placental-derived NK cell therapy product (Placental NK-007)

KEY: CORPORATE MILESTONE CLINICAL MILESTONE FINANCIAL MILESTONE



# OUR EXPERIENCED LEADERSHIP TEAM

With Deep Expertise in Cell Therapy and Advanced Biomaterials



**Robert J. Hariri, M.D., Ph.D.**  
Chairperson, Founder, & CEO



**John Haines**  
Senior EVP, GM & Chief  
Administrative Officer



**Adrian Kilcoyne,  
M.D., M.P.H., M.B.A.**  
EVP & Chief Medical Officer



**Stephen Brigido, DPM**  
President, Degenerative  
Diseases

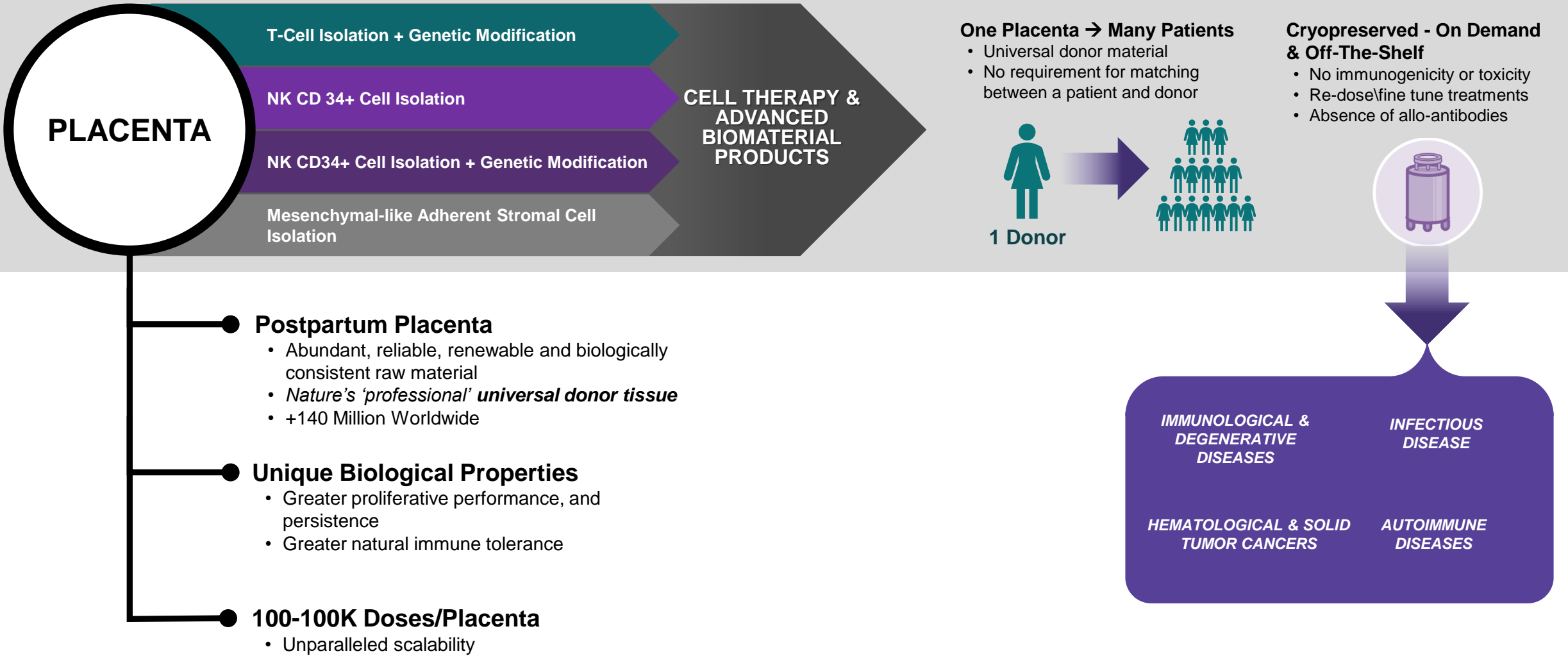


**David Beers, CFA**  
Chief Financial Officer



# CELULARITY PLACENTAL-DERIVED PRODUCT PLATFORM

Leveraging the Benefits of Placental-Derived Cells and Biomaterials to Target Multiple Diseases



PLACENTA

T-Cell Isolation + Genetic Modification

NK CD 34+ Cell Isolation

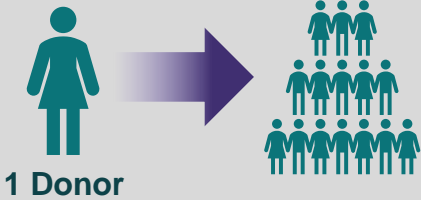
NK CD34+ Cell Isolation + Genetic Modification

Mesenchymal-like Adherent Stromal Cell Isolation

CELL THERAPY & ADVANCED BIOMATERIAL PRODUCTS

One Placenta → Many Patients

- Universal donor material
- No requirement for matching between a patient and donor



Cryopreserved - On Demand & Off-The-Shelf

- No immunogenicity or toxicity
- Re-dose/fine tune treatments
- Absence of allo-antibodies



Postpartum Placenta

- Abundant, reliable, renewable and biologically consistent raw material
- Nature's 'professional' **universal donor tissue**
- +140 Million Worldwide

Unique Biological Properties

- Greater proliferative performance, and persistence
- Greater natural immune tolerance

100-100K Doses/Placenta

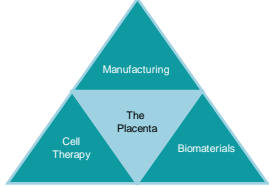
- Unparalleled scalability

IMMUNOLOGICAL & DEGENERATIVE DISEASES

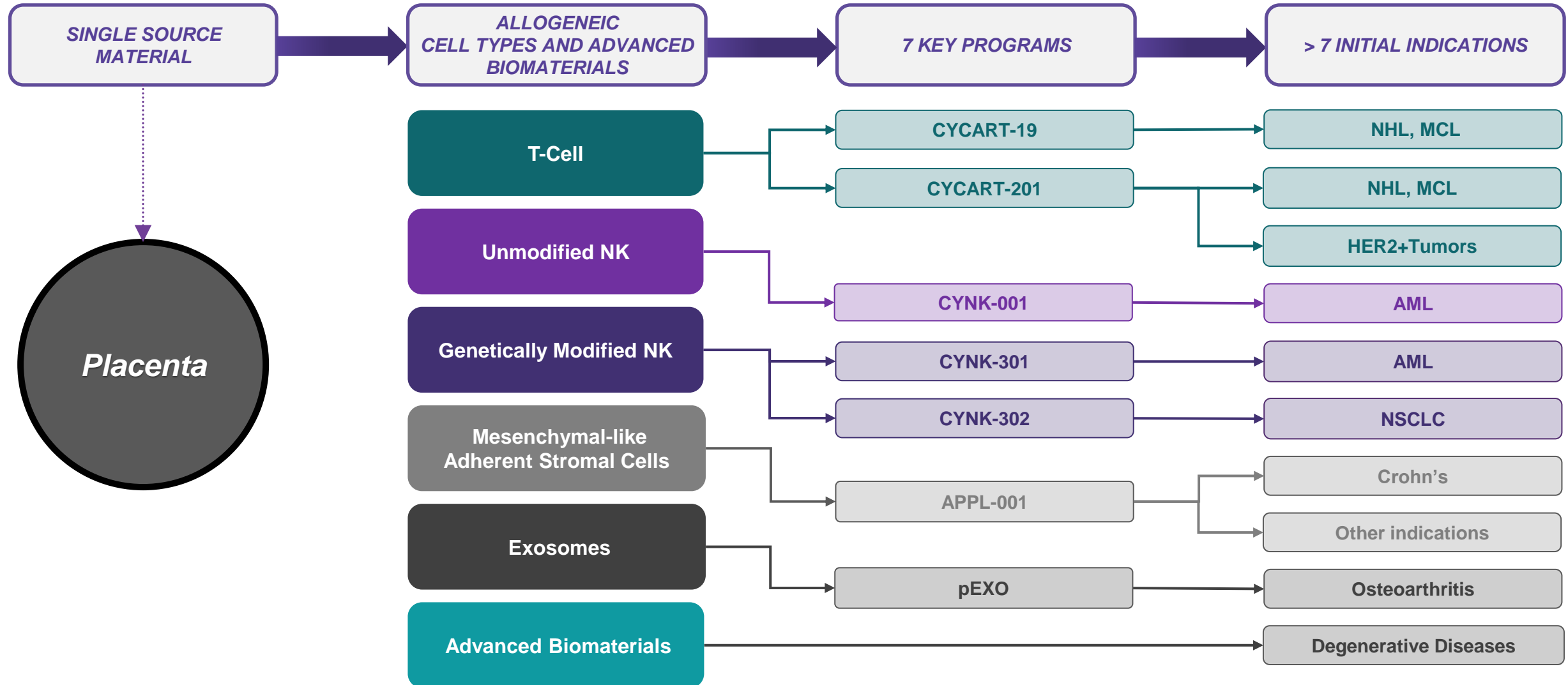
INFECTIOUS DISEASE

HEMATOLOGICAL & SOLID TUMOR CANCERS

AUTOIMMUNE DISEASES



# SINGLE-SOURCE, PLACENTAL-BASED PLATFORM DRIVING BROAD PIPELINE





# MANUFACTURING OVERVIEW

Fully Integrated, Purpose-Built Commercial Scale Manufacturing Site Including Translational Research & Biorepository



## Purpose Built Facility for Commercial-scale Cellular Therapeutic Manufacturing

- \$80M investment in cGMP/cGTP manufacturing
- Enables greater control, efficiency and optimization than is achievable by outsourcing to contract manufacturing organizations (CMOs) alone

## Staffed by Highly Specialized Scientists, Engineers & Technicians

- Optimized, product-specific CMC, QA/QC and manufacturing processes accelerate product development, production and commercialization
- Over 2 decades of experience with source material procurement

## Commercial Scale, GMP-ready

- 9 Grade C/ISO 7 suites
- 6 Grade D/ISO 8 labs
- Dedicated translational research labs



**Celularity benefits from Celgene's 15 year+ investment in developing the technologies and capabilities required to manufacture cellular products at scale with consistent and reliable quality**

# CELL THERAPY

## Clinical Pipeline






				PRE-CLINICAL		CLINICAL	
Hematological Malignancies	Platform	Functionality	Indication	Discovery	IND-Enabling	Phase 1/2	Phase 2/3
CYNK-001	pNK	Unmodified	AML				
CYNK-301	pNK	IL15 + Marrow Homing + CAR	AML				
CYCART-19	pT	CD19 + TCR KO	NHL, MCL				
CYCART-201	pT	CD16 + TCR KO + mAb	NHL, MCL				
Solid Tumor	Platform	Functionality	Indication	Discovery	IND-Enabling	Phase 1/2	Phase 2/3
CYCART-201	pT	CD16 + TCR KO + mAb	HER2+ Tumors				
CYNK-302	pNK	CD16 + IL15 + CAR	NSCLC				
Autoimmune & Degenerative Disease	Platform	Functionality	Indication	Discovery	IND-Enabling	Phase 1/2	Phase 2/3
APPL-001	MLASC	TF KO	Crohn's Other potential indications				
pEXO-001	pEXO	Unmodified	Osteoarthritis				

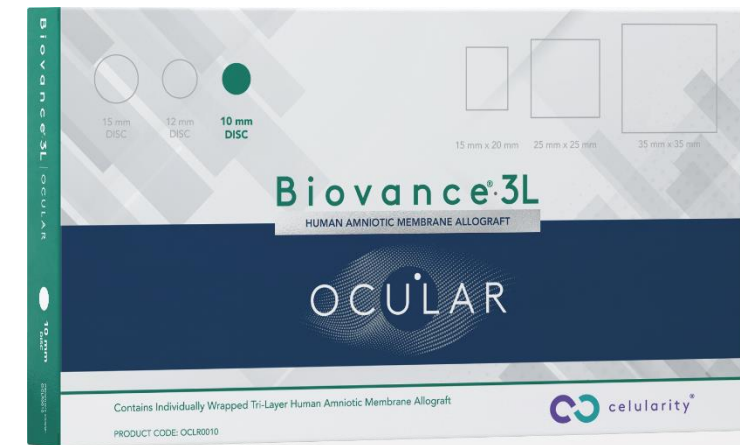
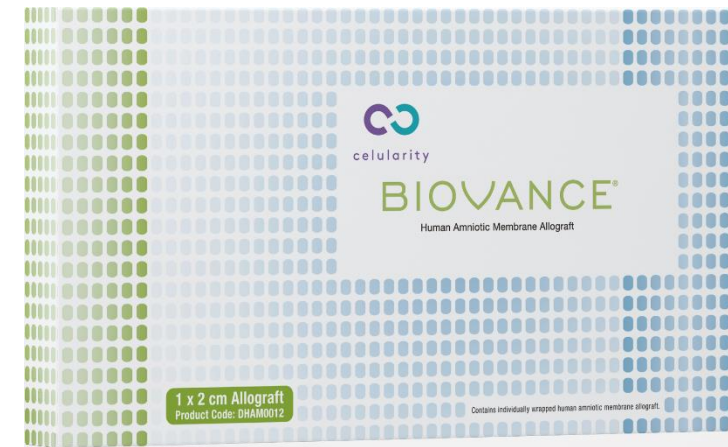
# DEGENERATIVE DISEASES

## Advanced Biomaterial Products Pipeline



Degenerative Diseases	Indication	Discovery	Regulatory		Brands
Placental Connective Tissue Matrix	Integumental Tissue Replacement	<div><div></div></div>	361 HCT/P		Interfyl®
Amniotic Membrane Allograft	Wound Covering	<div><div></div></div>	361 HCT/P		BIOVANCE®
Tri-Layer Amniotic Membrane Allograft	Wound Covering	<div><div></div></div>	361 HCT/P		
Tri-Layer Amniotic Membrane Allograft	Protective Cover	<div><div></div></div>	361 HCT/P		Biovance 3L OCULAR
Connective Tissue Wrap	Tendon	<div><div></div></div>			
FUSE Bone Void Filler	Bone, Spine, Dental	<div><div></div></div>			
Degenerative Diseases	Indication	Preclinical	Regulatory	Phase 1	Phase 2
Extracellular Matrix Particulates	Aesthetics	<div><div></div></div>			
Extracellular Particulate Matrix	Osteoarthritis	<div><div></div></div>			

# CURRENT COMMERCIAL PORTFOLIO DEGENERATIVE DISEASES



Improving Patients Health with Placental-Derived Advanced Biomaterial Products



# DEGENERATIVE DISEASE PORTFOLIO

## Commercial Opportunities Deliver Revenue



- **Biovance®**: Intact, natural extracellular matrix that provides a foundation for the wound regeneration process and acts as a scaffold for restoration of functional tissue.
- **Biovance 3L**: a trilayer human amniotic membrane product focused on the ocular and surgical markets.
- **Interfyl®** human connective tissue matrix used by a variety of medical specialists to fill soft tissue deficits resulting from wounds, trauma, or surgery.

### In the U.S.

- Celularity sales force
- Independent distributors

### In the Middle East

- Exclusive distribution agreements
  - Saudi Arabia
  - United Arab Emirates, Qatar, Bahrain, Oman, Kuwait and Egypt



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