



Activating the Body's Master Metabolic Switch

**Addressing multiple metabolic disorders through a single
pathway**

April 1, 2026



*exclusive rights to eXoZymes' breakthrough
NCT cell-free biomanufacturing technology*

We're on A Mission to Upgrade Health Span

Enabled by eXoZymes game changing cell-free biomanufacturing platform for breakthrough molecules

The Game Changer

We can **manufacture things that are difficult to make, quickly and affordably**

1 Natural products are difficult to make with traditional synthetic chemistry

2 eXoZymes creates better ways to make performance molecules, including novel and differentiated analogs

The Opportunity

Find **core pathways** that **provide critical metabolic function** that can be switched on by **natural substances** that are **hard to make**

A GLOBAL EPIDEMIC IS EXPLODING

Interconnected Chronic Diseases



Obesity

1.2 Billion

grown 2X since 1990



Diabetes

800+ Million

Fast growing chronic disease



**Fatty Liver Disease
(NAFLD)**

2.5 Billion

projected 2X by 2040

Conventional treatments still rely on people making and sustaining a change in lifestyle

Targeting the Root Cause of Declining Metabolic Health

There is an energy crisis inside every cell



Mitochondria are the energy powerhouses of every cell

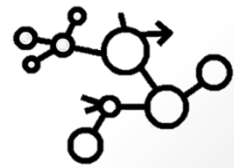
Poor diet, chronic stress and sedentary lifestyle disrupt mitochondria

Reduced cell function and slowed fat metabolism

There is a critical need for approaches that restore mitochondria health and function

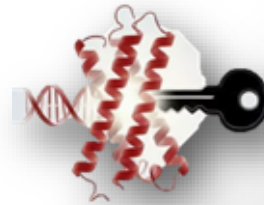
HNF4 α – Activating a Mitochondria Master Control Switch

Restoring mitochondria is the key to transforming the way metabolic health is managed



The Pathway

HNF4 α



Role in the Body

The master
metabolic switch



Our Quest

Address previously
undeveloped pathway



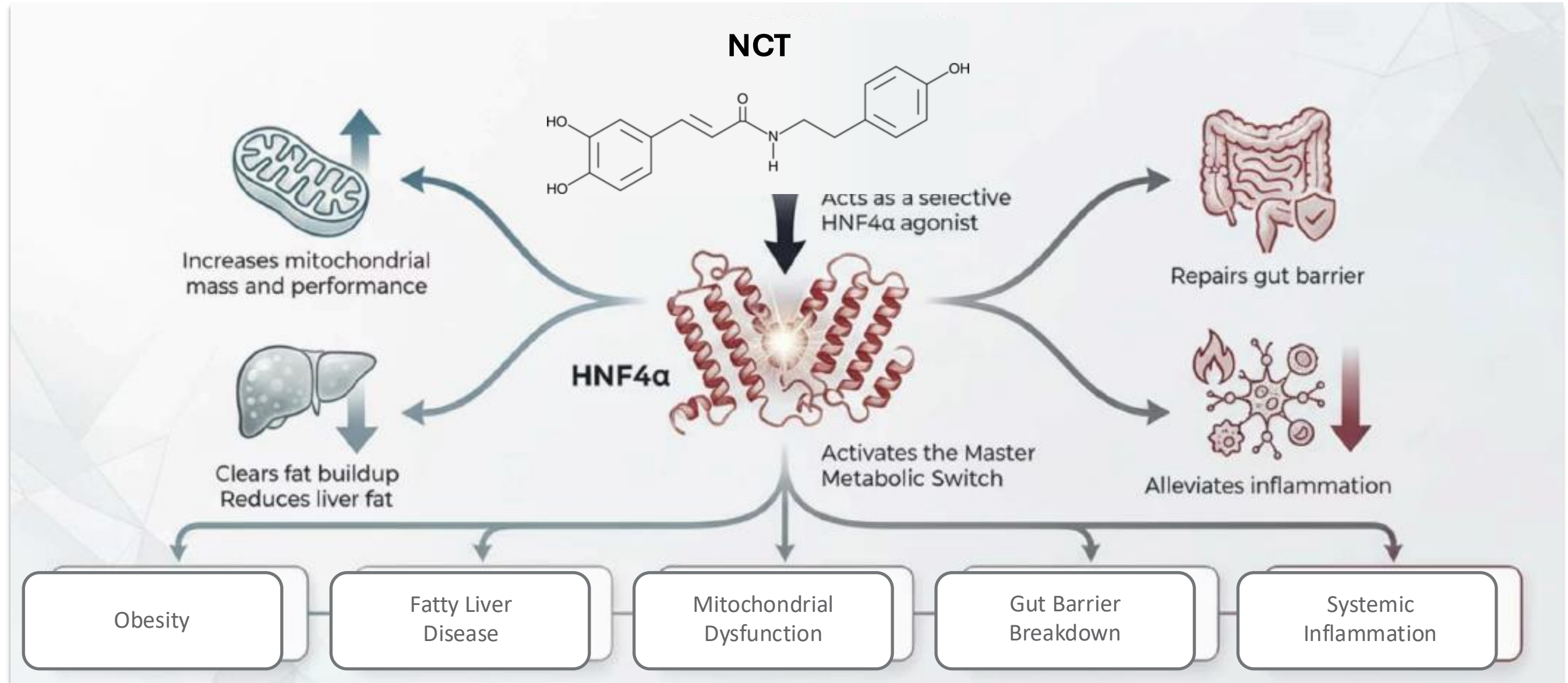
The Prize

Potentially the biggest
supplement plus
pharma compound
ever

NCTX™ is the first spin-out of **eXoZymes** developed for this specific opportunity

NCT: First Potent Compound to Activate HNF4 α

Promotes Wellness and addresses multiple interconnected disorders through a single pathway*

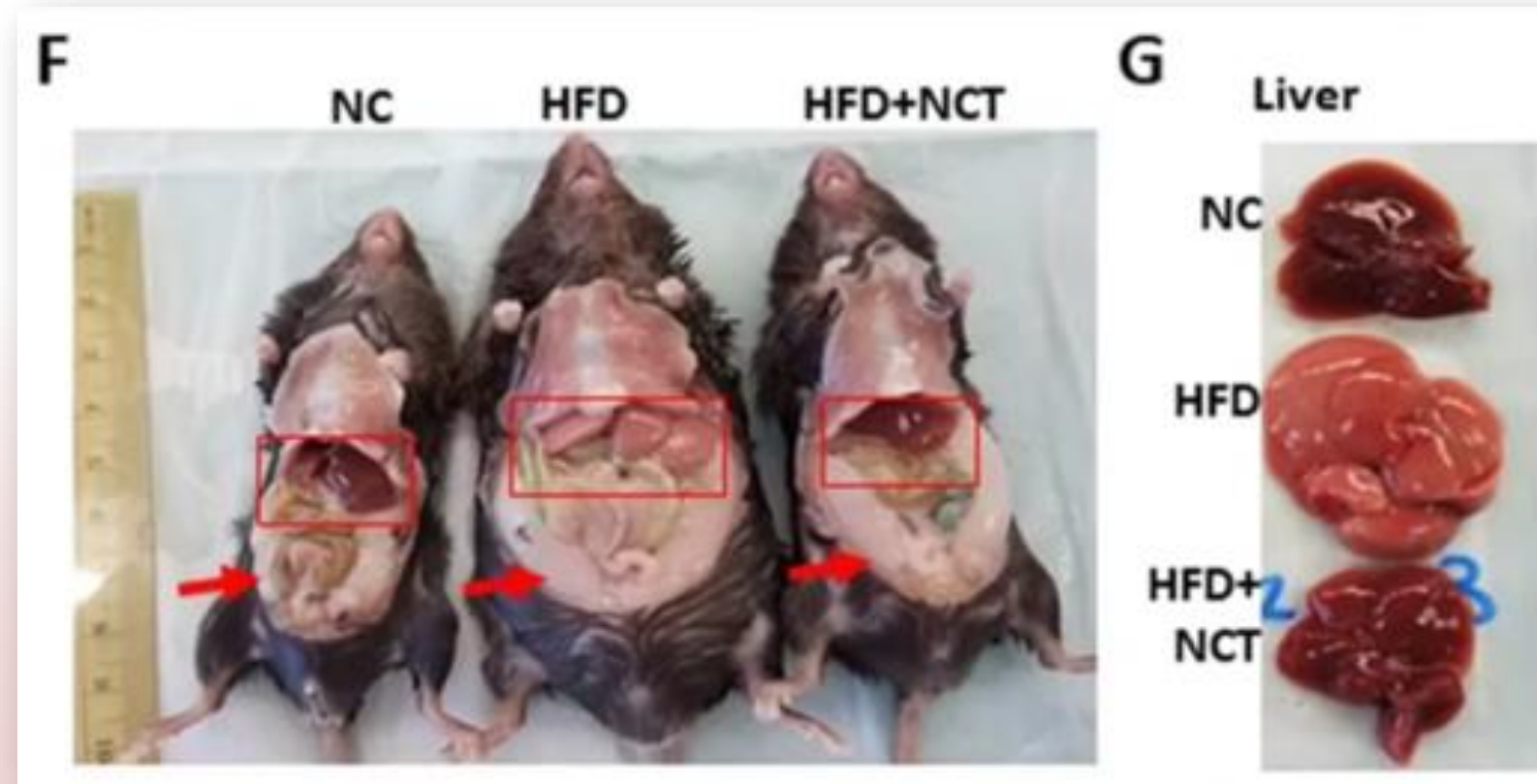


* This statement has not been evaluated by the Food and Drug Administration. NCT is not intended to diagnose, treat, cure, or prevent any disease.

Measurable Metabolic Results Without Diet Restriction

Metabolic improvement through fatty acid oxidation

DIO Mice on High Fat Diet



30-40%

Body Weight Reduction

Less weight gain on identical high-fat diet with equal caloric intake

Mitochondrial Surge

Significant increases in key mitochondrial biomarkers and respiratory capacity

Liver Fat Clearance

Dramatic reduction in liver fat accumulation and improved lipid profiles

Veeriah, V., Lee, SH. & Levine, F. Cell Death Dis 13, 89 (2022)

NCT is Inaccessible via Conventional Chemistry

The promise of NCT has remained locked

<15 ppm

NCT found in peppercorns

Major Challenges to Overcome

- NCT is nearly absent in nature with only trace amount available
- Existing sources of NCT are mixtures of less potent natural analogs
- Conventional manufacturing approaches are cost prohibitive



eXoZymes' Process Cracks the NCT Scale Barrier

Concept to Pilot Scale in < 1 year + Successful Tech Transfer



99%

Reaction Yield

Industry-leading efficiency at pilot scale

6X

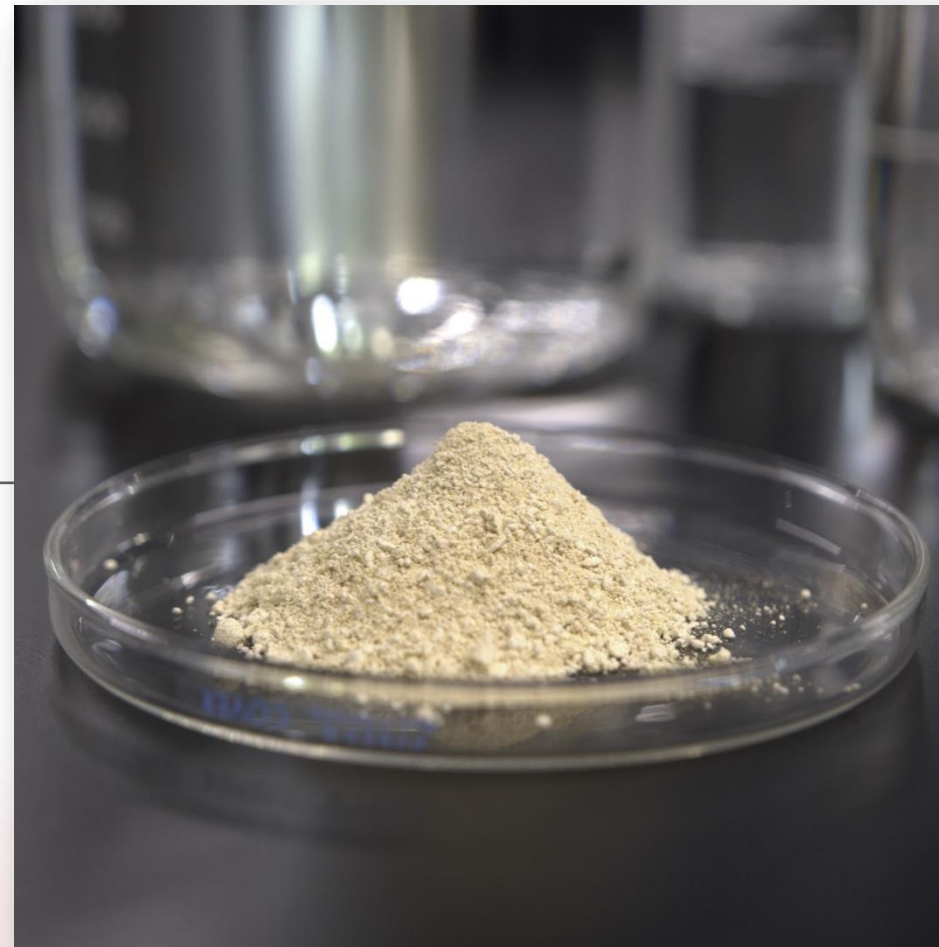
Production Cycle

Faster than conventional manufacturing approaches

Unlocks consistent, cost-effective production at industrial scale for NCTX™

eXoZymes Process Delivers High Quality NCT

Improves formulation performance and simplifies the product safety profile



>99%

Food/Pharma Grade
Purity

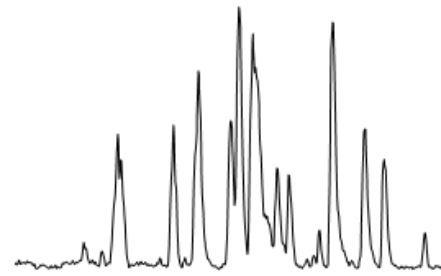
stronger and more predictable
results in formulation

Reliable, high purity improves the regulatory journey and helps build consumer trust

Super Clean Process Makes Scale-up Easy

Avoiding the unwanted by-products

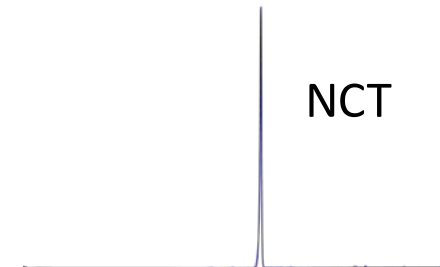
Conventional Methods



Example analysis
(HPLC)



eXoZymes



Actual analysis
(HPLC)

Single product precision

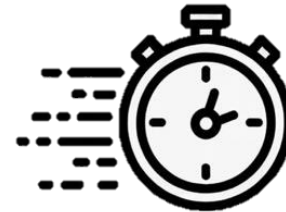
Nature's Diversity, Scaled Like Chemistry



No Living Systems

No undesirable by-products
or seasonal variation

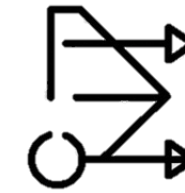
More Reliable



Faster Production Time

More product output per
installed capital

Lower Costs



Simple Process Design

Lower Capital Investment
Required

Better ROI

NCTX™ Targets Wellness and Therapeutic Metabolic Solutions

Immediate Opportunity



NUTRACEUTICALS

\$100B+ Market

Longer Opportunity



PHARMACEUTICALS

\$100B+ Market

Pure NCT by NCTX™

Category Innovation: Moving Beyond Stimulants and Appetite Suppressants



Concept image

Supports Healthy Fat Metabolism

Enhances the body's natural capacity to oxidize stored fats for fuel

Complementary mechanism with GLP-1s offering metabolic support without interference

Promotes Liver and Gut Balance

Restores hepatic function and intestinal barrier integrity

Enhances Energy and Endurance

Increases ATP production for sustained physical and mental performance

Fast market entry, asset-light growth for NCTX™

Driving NCT revenue growth through diversified channels



Product Launch

Develop compelling brand narrative and launch quickly to direct-to-consumer segment

Fast growing market that builds customer base



White Label

Ingredient access partnerships with upfront purchase commitments

Amplify NCT recognition across all channels



B2B Ingredient Sales

Co-branded “NCT by NCTX™” offtake agreements with formulators

Baseload volume and drive down COGS



Production Ramp-up

License process tech to ingredient manufacturers for longer term demand needs

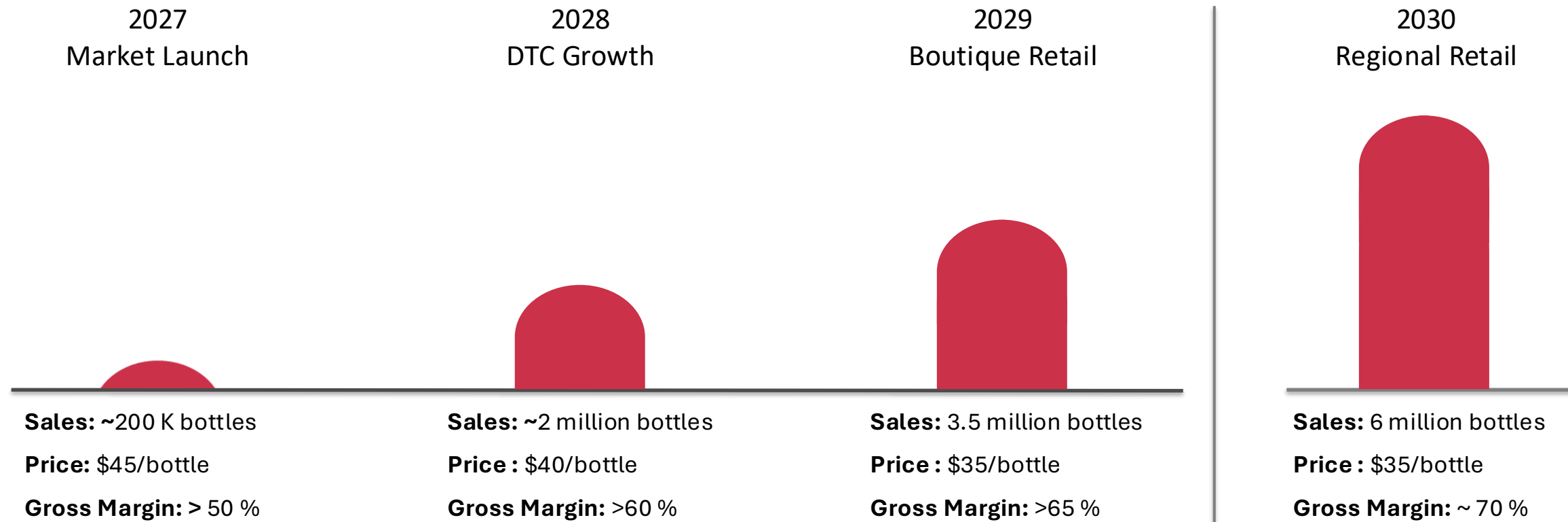
Asset light approach to building supply capacity

Partnering Rich Environment

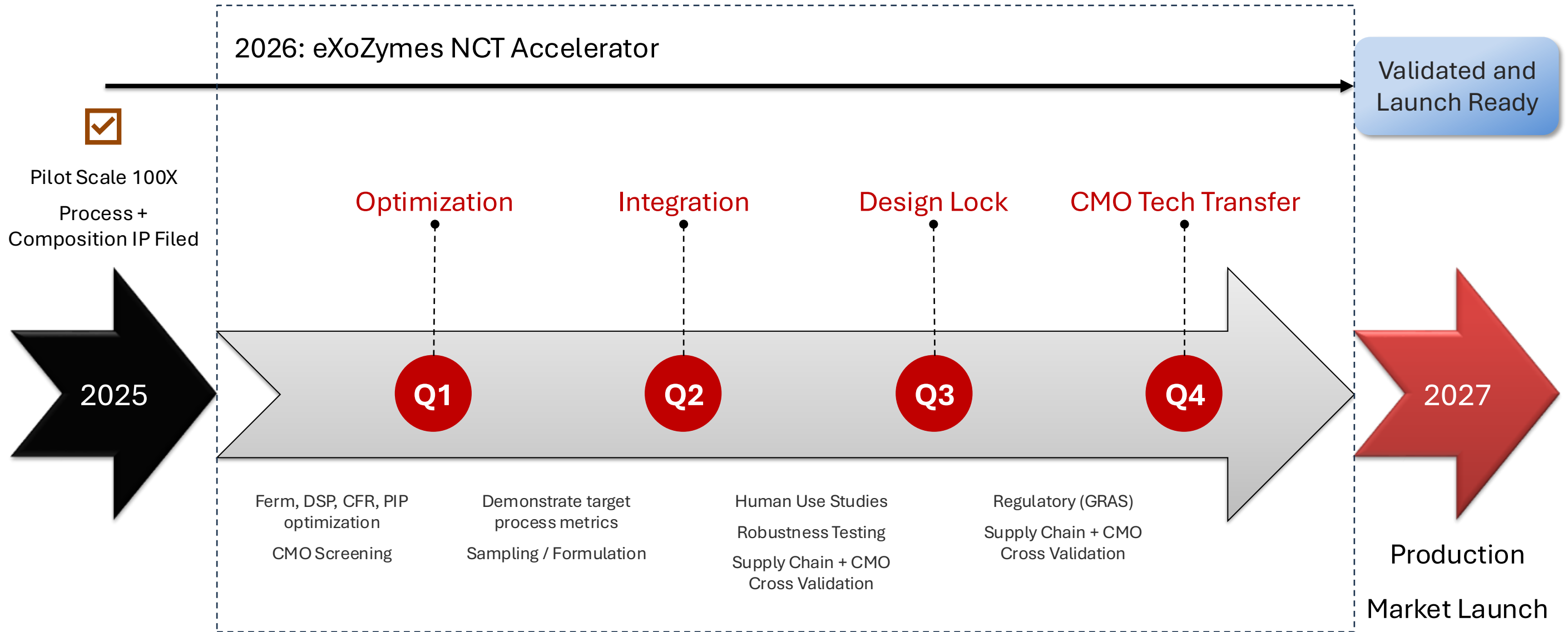
Capital Light Expansion Strategy

Expand with CMOs to reach 6 million bottles without upfront CAPEX

In 30 Capsule Bottles



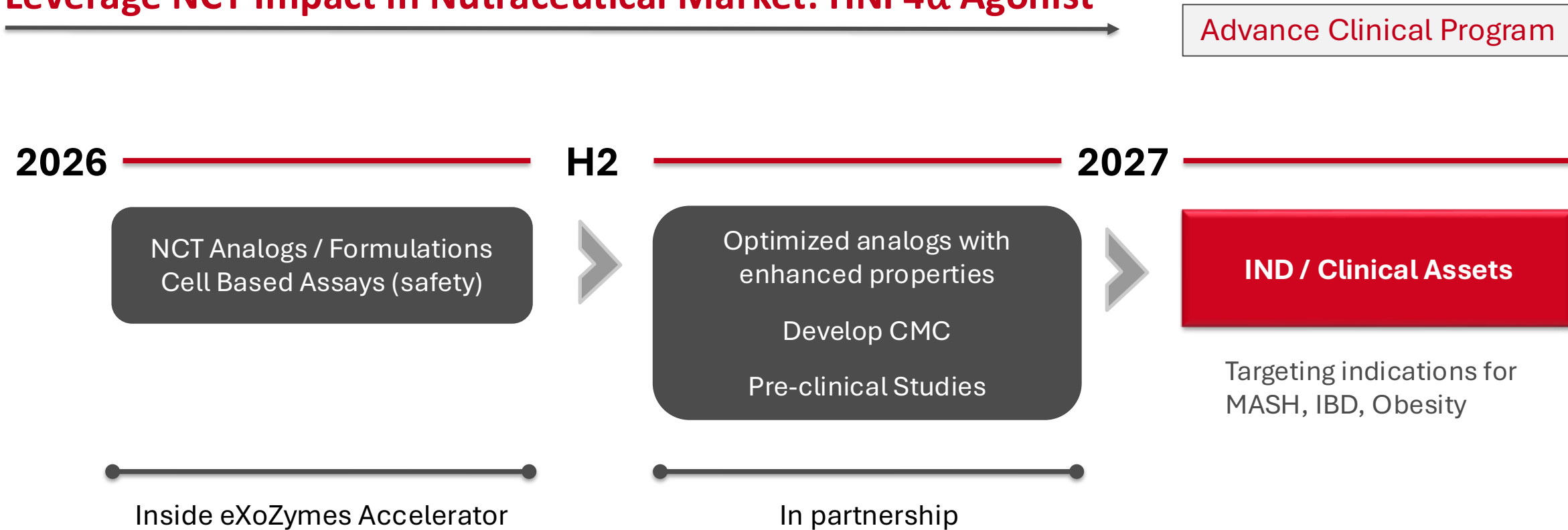
Roadmap: Launching NCTX Commercial Vehicle



Creating a Pharma Option

Aggressively acquiring metabolic innovation, particularly mechanisms that complement GLP-1s

Leverage NCT Impact in Nutraceutical Market: HNF4 α Agonist

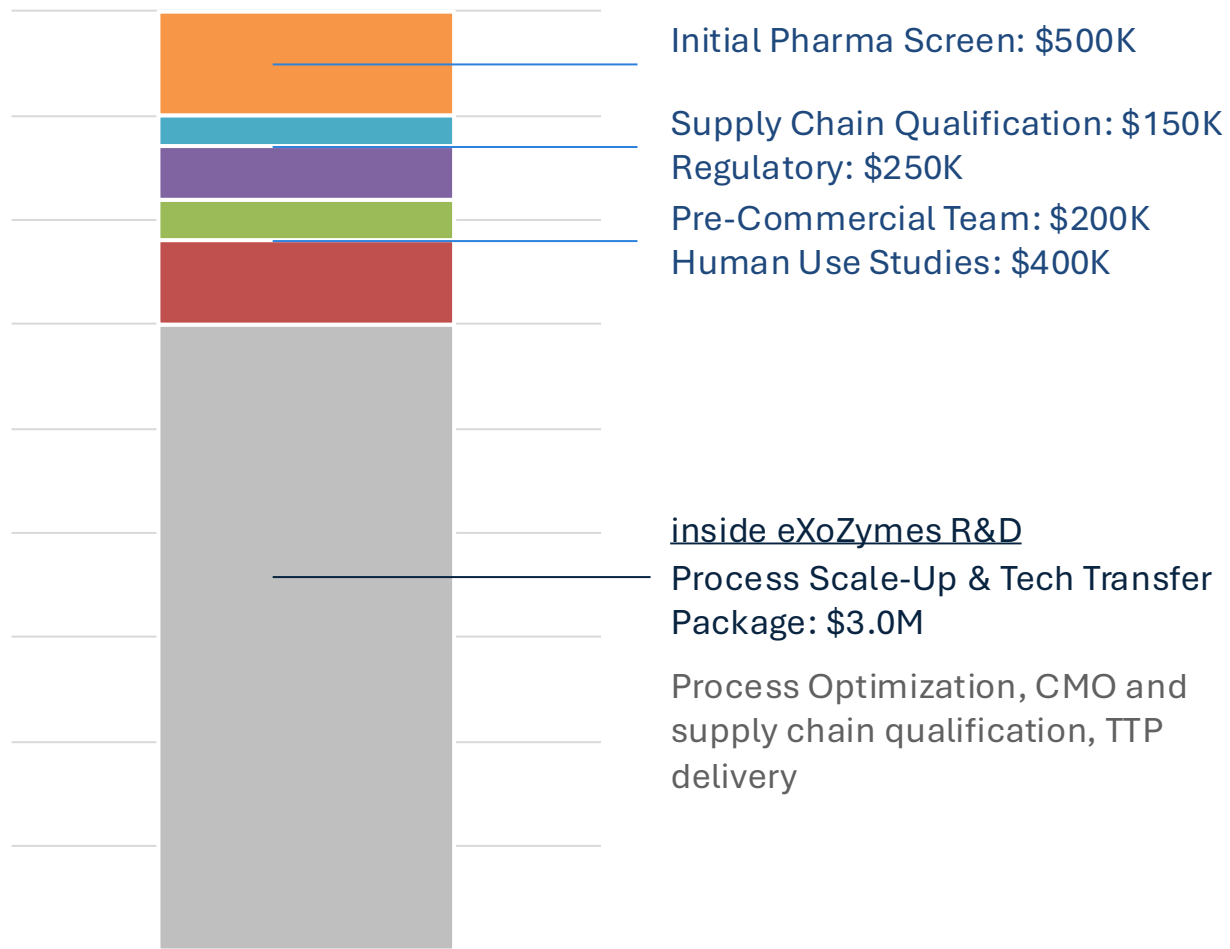


As NCTX validates the HNF4 α mechanism in consumers, pharma interest in prescription-strength analogs or formulation will accelerate

Capital Focused on NCT Launch Readiness

Seed investment prepares NCT for Market Launch and Completes Initial Pharma Screen

2026 Use of Proceeds Total \$4.5 Million






NCT Supplements

- Tech Transfer - \$3 M
- Market Launch Readiness - \$1 M



Develop Pharma Pre-clinical Option - \$0.5 M



Future Capital Needs

- Inventory Build for NCT Launch
- Nutraceutical Productization, Branding
- Distribution and Sales Development
- Pharma pre-clinical and clinical development

NCTX

Thank you

