#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

#### **CURRENT REPORT**

#### Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (date of earliest event reported): June 24, 2025

iBio, Inc.

(Exact name of registrant as specified in charter)

Delaware

(State or other jurisdiction of incorporation)

001-35023

(Commission File Number)

26-2797813

(IRS Employer Identification No.)

11750 Sorrento Valley Road, Suite 200 San Diego, California 92121

(Address of principal executive offices and zip code)

(979) 446-0027

(Registrant's telephone number including area code)

N/A

(Former Name and Former Address)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of registrant under any of the following provisions:

- □ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- □ Soliciting material pursuant to Rule 14a-12(b) under the Exchange Act (17 CFR 240.14a-12)
- □ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- □ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.001 par value per share	IBIO	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company  $\Box$ 

If an emerging growth company, indicate by checkmark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

#### Item 7.01. Regulation FD Disclosure.

iBio, Inc. (the "Company") has updated its corporate presentation. A copy of the updated corporate presentation is filed as Exhibit 99.1 to this Current Report on Form 8-K.

The corporate presentation attached as Exhibit 99.1 to this Current Report on Form 8-K includes "safe harbor" language pursuant to the Private Securities Litigation Reform Act of 1995, as amended, indicating that certain statements contained therein are "forward-looking" rather than historical.

The Company undertakes no duty or obligation to update or revise the information contained in this Current Report on Form 8-K, although it may do so from time to time if its management believes it is appropriate. Any such updating may be made through the filing of other reports or documents with the Securities and Exchange Commission, through press releases or through other public disclosures.

#### Item 8.01. Other Events.

The Company has updated its corporate presentation for use in meetings with investors, analysts and others. A copy of the updated corporate presentation is filed as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference herein.

#### Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Corporate Presentation of iBio, Inc., dated June 2025
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

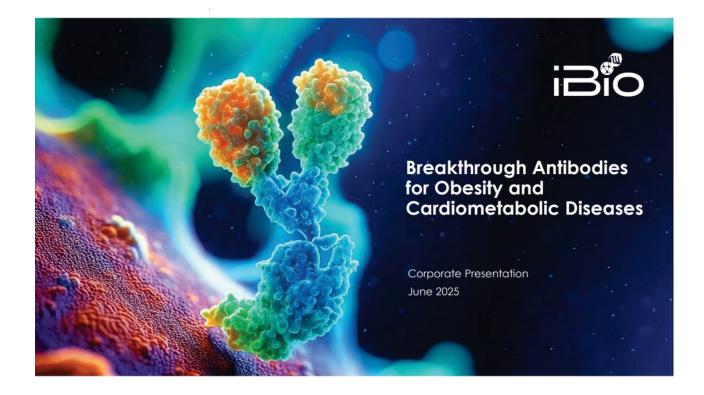
#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: June 24, 2025

#### IBIO, INC.

By: /s/ Marc A. Banjak Name: Marc A. Banjak Title: Chief Legal Officer



#### Forward looking statements

Certain statements in this presentation constitute "forward-looking statements" within the meaning of the Private Securities Lligation Reference 10 1995, as amended. Words such as may, "might," will, "should," believe, "expect," anticipate, "estimate," continue, "predict," forecast, "project," project, "plan," intend" or similar expressions, or statements, these forward-looking statements are based upon current estimates and includes statements. These forward-looking statements are based upon current estimates and includes statements, the state of the statements, "itse," in the "Company," "we," "us" or "our") believes these forward-looking statements are based upon current estimates and includes statements regarding statements are totaysts. While like, inc., a Delaware corporation (including its consolidated subsidiaries, "like," the "Company," "we," "us" or "our") believes these forward-looking statements are reasonable, undue reliance should not be placed on any such forward-looking statements, mey extendions include, and assumptions from those set of that or implied by any forward-looking statements. Inspectations include, among others, the Company's ability to differ materially from current expectations and assumptions from those set of that or implied by any forward-looking statements, lexpectations include, among others, the Company's ability to promote candidates in the marketplace and the successful development, marketing or sale of recommercialization of its product candidates, in the continued mainteincence and growth of its patent estate, its ability to statis in the successful development, marketing or sale of products, its ability to statis incerea greaments, the continued maintenance and growth of its patent estate, its ability to establish and maintain collaborations, its ability to otation or form to-k and HK. The information in this presentation is product and the other factor sicusses in the information in this presentation is product and the other factor sicusses in the information in this pr



# Revolution Sparked a New Era in Obesity Treatment

Evolution Will Define Its Future

Incretin Class Agonists Have

**Revolutionized Obesity Treatment** 

Interventional weight loss previously only

achievable via surgery

>10% of American adults have taken a GLP-11

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#### Attention is Shifting to Therapies That Build on That Foundation

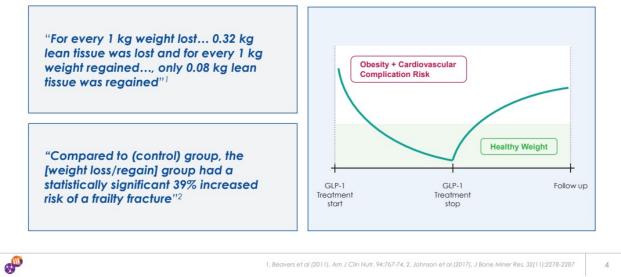
Durability of weight loss Lean mass preservation and fat-specific weight loss

Improved tolerability and convenience

1. https://www.kff.org/health-costs/poll-finding/kff-health-tracking-poll-may-2024-the-publics-use-and-views-of-glp-1-drugs/

## The GLP-1 Revolution Unlocked Possibility — We Aim to Drive the Evolution



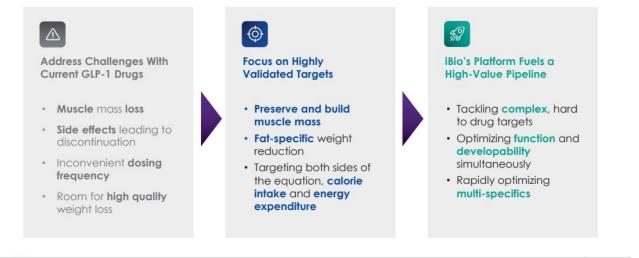


1. Beavers et al (2011), Am J Clin Nutr. 94:767-74, 2. Johnson et al (2017), J Bone Miner Res. 32(11):2278-2287

# iBio's Strategy to Redefine Obesity Care with Next-Generation Antibody Therapies



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## Next Generation Antibodies for Obesity Targeting Key Gaps in Current Care



## **Corporate Highlights**

#### Lead Programs

- IBIO-600: Long-acting myostatin antibody
- IBIO-610: First-in-class
   Activin E antibody

#### **Pipeline Expansion**

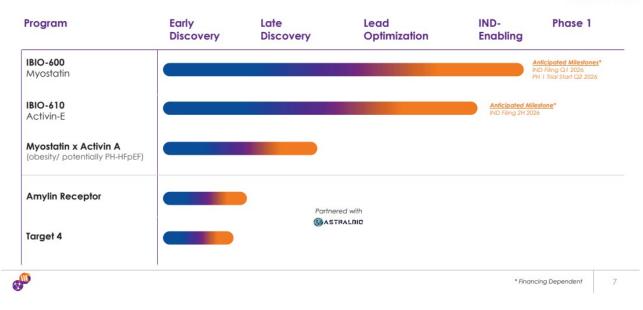
- 3 early-stage high novelty programs and 2 partnered programs
- Discovery to development candidate in as little as 7 months
- Al engine delivers precisely targeted antibodies with exceptional developability

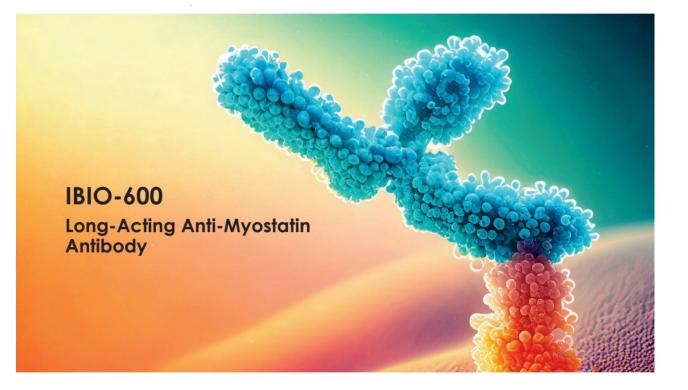
# Near Term Catalyst IBIO-600 IND/IND equivalent filing by IBIO-600 Phase 1 initiated 2Q2026\* IBIO-610 IND/IND equivalent filing by IBIO-610 IND/IND equivalent filing by end of 2026\*

\* Financing Dependent 6

# iBio's Strategy in Motion: Rapidly Advancing Next-Gen Treatments Beyond First-Gen Obesity Drugs







# Strengthening the Weight Loss Journey: Myostatin Inhibition to Preserve Muscle Mass



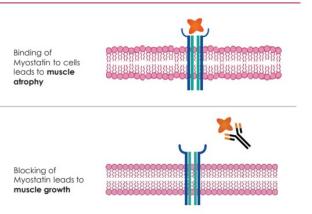
We are developing Myostatin inhibitors to preserve and increase muscle mass, complementary to current treatments

## Why We Target Myostatin

- Incretin drugs reduce caloric intake, causing weight loss in both fat and muscle
- Myostatin is a highly validated key negative regulator of muscle mass<sup>1</sup>
- Inhibition of Myostatin function drives significant muscle growth without apparent adverse health effects

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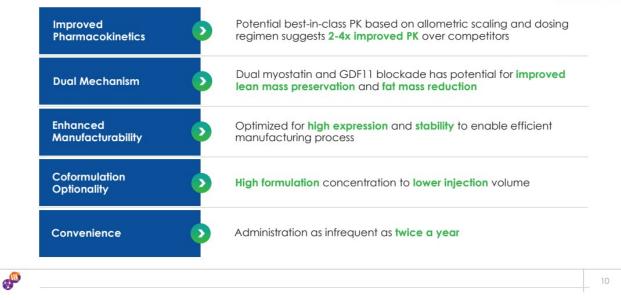
 Beyond its effects on muscle, Myostatin plays a role in the regulation of total body fat mass<sup>2</sup>



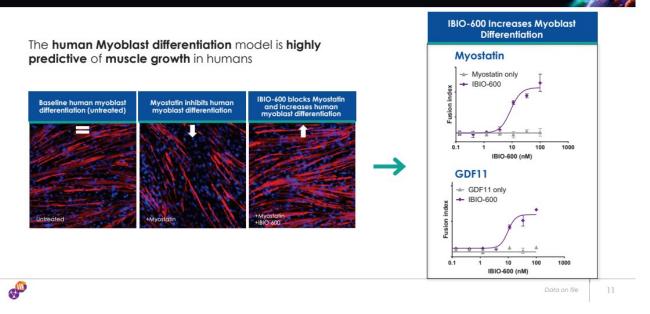
Schuelke M. (2004). New England Journal of Medicine 350(2682–2688).
 Deng, B. (2017). Nutrition and Metabolism, 14(29).

## IBIO-600: A Differentiated Long Acting Anti-Myostatin Program



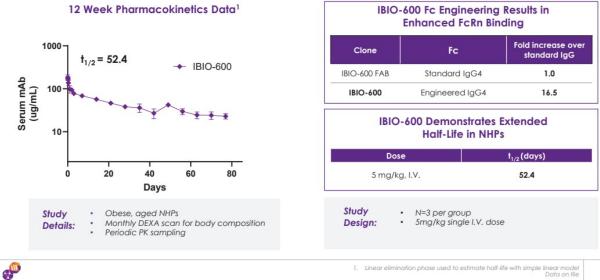


# IBIO-600 Enhances Muscle Differentiation in Human Myoblasts by Targeting the Two Growth Suppressors Myostatin and GDF11



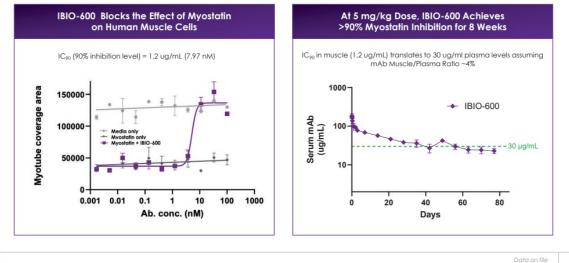
## IBIO-600 Fc Engineering Drives Extended Half-Life in Obese NHPs





## IBIO-600 Dose Modeling From Human Muscle Cells and Monkey PK Predicts Low Dose Requirements to Block Myostatin for Extended Durations

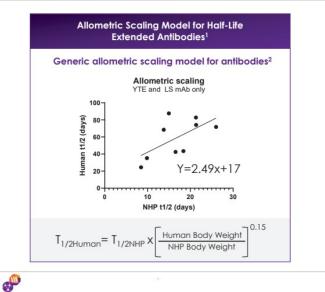




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## Allometric Scaling Predicts Potentially Extended Half-Life for IBIO-600, Enabling Infrequent Dosing and Prolonged Myostatin Inhibition





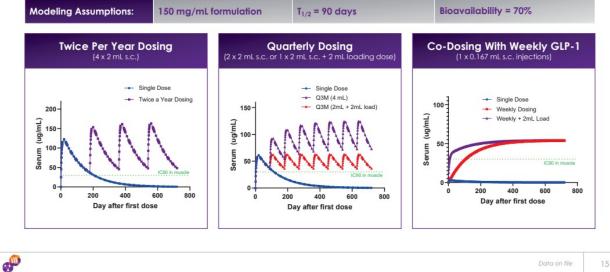
#### Measured NHP and Predicted Human Half-Life of IBIO-600

Dose	NHP t <sub>1/2</sub> (actual)	Human t <sub>1/2</sub> (predicted) <sup>1,2</sup>
5 mg/kg, I.V.	52.4	74-130 days

<u>1 https://pmc.ncbi.nlm.nih.gov/articles/PMC9709760/#CR37</u> 2 https://www.jstage.jst.go.jp/article/bpb/43/5/43\_b19-010421\_html/.char/en\_ Data on File

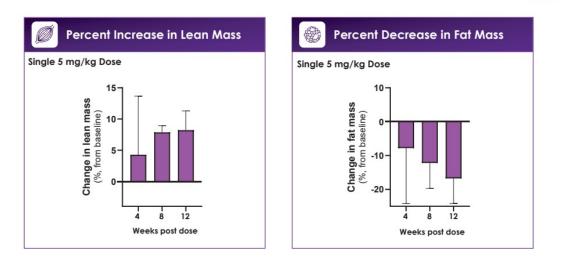
# PK Modeling Suggests IBIO-600 Can Be Dosed Twice-Yearly, Quarterly, or Co-Formulated With Weekly GLP-1s





Single Clinically Relevant Low Dose of IBIO-600 Drives Sustained Muscle Gain and Fat Loss in Aged, Obese Non-Human Primates





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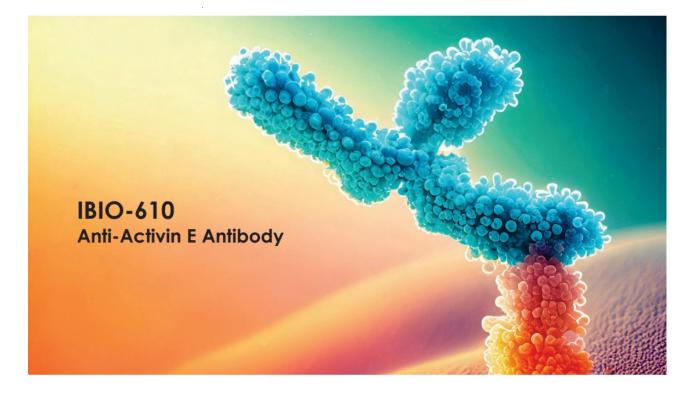
ROI (gluteal and thigh region) DEXA Data on file

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#### **IBIO-600 Highlights Status and Planned Development** ✓ NHP studies show potential best-in-class IND-enabling studies (CMC manufacturing) half-life, may enable dosing as infrequent and GLP toxicology) ongoing as twice a year o Initial regulatory filing (IND or equivalent) ✓ Differentiated profile (myostatin and planned for Q1 2026\* GDF11 blockade) drives robust lean mass growth and fat loss in NHPs First patient dosed anticipated in 2Q 2026\* High expression titers and stability at high concentrations expect to enable efficient, scalable manufacturing

\* Financing Dependent



# IBIO-610 Targets Activin E to Drive Targeted Fat Loss and Maintains Weight Reduction After GLP-1 Discontinuation



#### Activin E Why We Target Activin E Increased ACVRIC Adipocyte Weight Gain Increased Risk Size . Activin E is a Hepatokine, produced in the Obesity, CVD, T2D liver and a member of the TGF<sub>β</sub> family Activin E and its receptor are highly . genetically validated Genetic loss of function decreases adiposity . Anti-Activin E and risk for Diabetes / Cardiovascular antibody Disease (CVD) Activin E 2 2 RNA targeting molecules provide preclinical pharmacological validation Decreased Challenge to produce active recombinant . ACVR1C Adipocyte Activin E until recently has proven to be Weight loss Size Reduced Risk for extremely difficult for antibody discovery CVD, T2D

**"** 

Type 2 Diabetes (T2D)

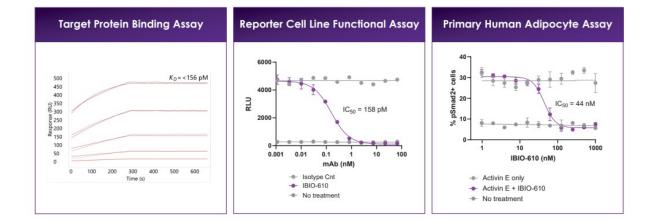
# IBIO-610 Breaks New Ground as the Known First-in-Class Antibody Targeting Activin E





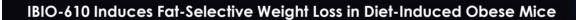
## IBIO-610 Exhibits High-Affinity Binding and Potent Inhibition of Activin E Signaling in Engineered and Primary Human Fat Cells





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Data on file 21



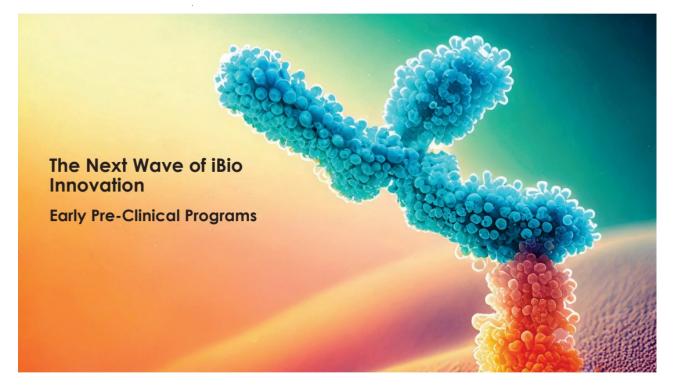


# IBIO-610 Synergizes with GLP-1 Through a Distinct, Non-Appetite-Based Mechanism









#### Harnessing Amylin Biology with Precision Targeting: iBio's Engineered Antibody Agonist Approach



# Why We Target Amylin

- Validated metabolic hormone that promotes satiety, slows gastric emptying, and reduces postprandial glucose excursions
- Clinical studies with amylin analogs confirm efficacy in weight loss, but peptide-based approaches may be sub-optimal (dosing, tolerability, manufacturability)
- Amylin receptor-selective antibody agonists could provide a differentiated profile, with potential for longer duration of action and reduced side effects alone or in combination therapy

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Selective amylin receptor agonists (rather than DACRAs\*) have potential as a more precisely targeted obesity intervention



 J Gingeli, J. et al. An allosteric role for receptor activity-modifying proteins in defining GPCR pharmacology. Cell Discov 2, 16012 (2016).

> \*Dual Amylin and Calcitonin Receptor Agonists \*\*Selective Amylin Receptor Agonist

# Combined Myostatin and Activin A Antagonism Synergistic Effect on Muscle Growth and Potential Treatment for Pulmonary Hypertension (PH) in Heart Failure With Preserved Ejection Fraction (HEP



We are developing bispecific co-inhibitors of Myostatin and Activin A to enhance muscle growth and improve quality of weight loss during and after treatment with incretin drugs

## Why Myostatin & Activin A

- Myostatin and Activin A are key negative . regulators of muscle mass
- Both are members of the TGFB superfamily .
- Activin A mechanism is pharmacologically validated<sup>1, 2</sup>
- Combined Activin A and Myostatin inhibition, causes more pronounced muscle growth<sup>3</sup>
- Myostatin and Activin A inhibition are key features for treating PH-HFpEF

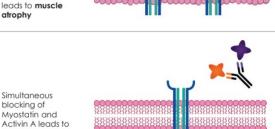
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Binding of Myostatin and Activin A to cells leads to muscle atrophy

Simultaneous

blocking of Myostatin and

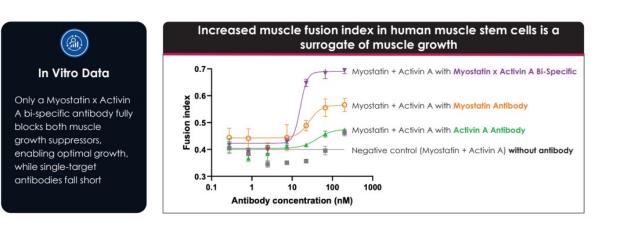
muscle growth



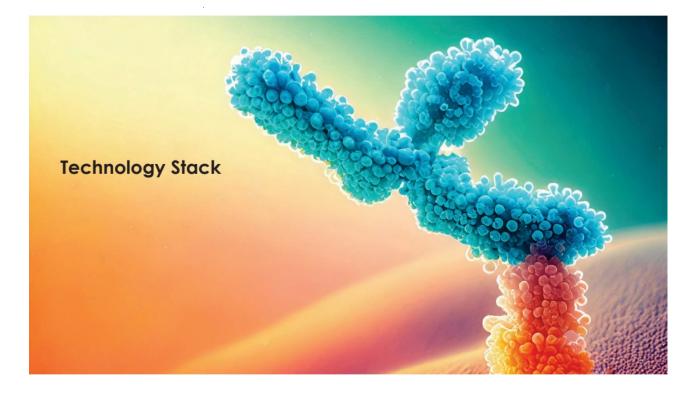
Villanueva, J. et al. Am J Cardiovasc Drugs (2024).
 2.US20220119514A1, Regeneron corporate slides 3.Latres, E. et al. Nat Commun 8, 15153 (2017).

# iBio's Myostatin and Activin A Bi-Specific Targets Both Key Negative Muscle Regulators, Synergistically Increasing Muscle Mass

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Data on file 28



## Any Epitope on Any Drug Target

Al Epitope Engineering and Antibody Optimization Engines unlock challenging target classes



#### iBio's Discovery Engine

We use our Tech Stack to generate new IP against hard-to-drug targets – from idea to Development Candidate in 7 months



Technology Platform

- Multi-layer technology
   platform addresses multiple
   challenges in Ab discovery
- Patented Epitope Steering
   technology
- **Single-step Ab** StableHu<sup>™</sup> x Mammalian Display
- Masked (ShieldTx®) Antibodies
- T-cell engager panel (EngageTx<sup>™</sup>)

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- Selectively targets functional epitopes
- Epitopes with complex modes of action
- Unlocks novel target classesAccelerates discovery of Ab
- against validated targets



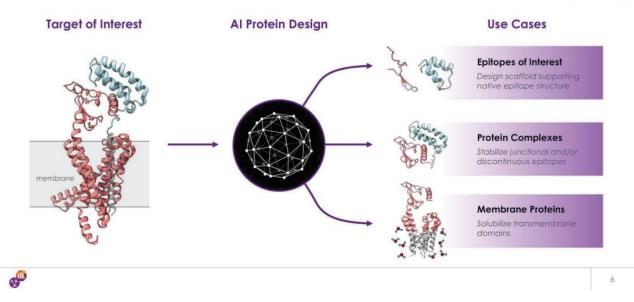
Generative AI meets mammalian display: Ab optimization in 3 weeks

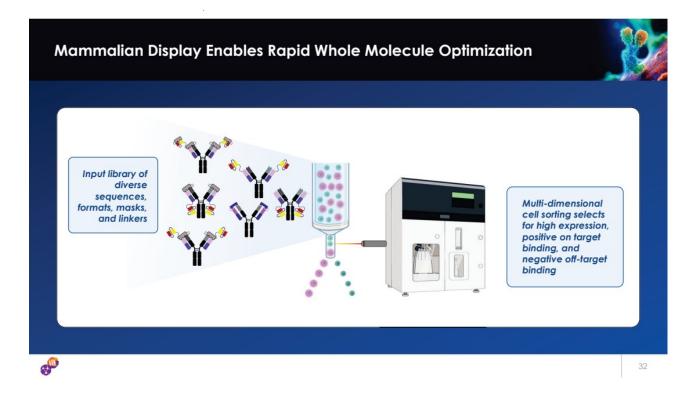
- Gen AI creates mammalian display libraries with phage-like diversity
- Single-shot multidimensional lead
   optimization
- Compatible with multi-specific antibody formats
- Antibody format agnostic

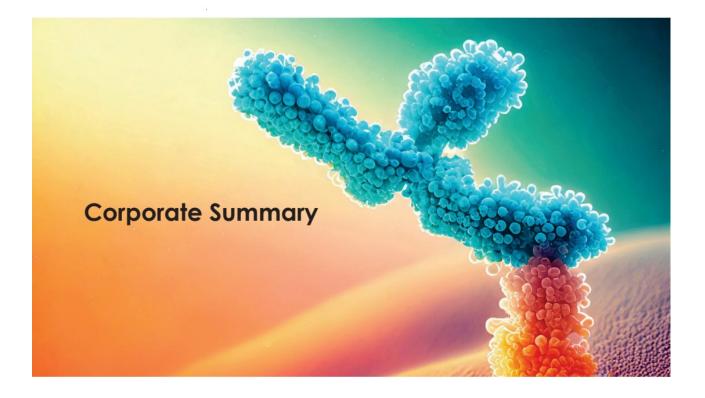


# Engineered Epitopes Are Tailor-Made Solutions to Target Any Epitope



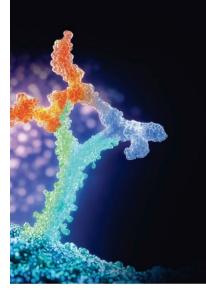






#### A Leadership Team with Deep Industry Experience Martin Brenner, DVM, Ph.D. Felipe Duran Kristi Sarno Senior VP BD Marc Banjak CEO & CSO CFO CLO PFENEX Istari HOMOLOGY Lilly teva PFENEX Dova S MERCK noven **CCON** Latham AstraZeneca **B**BRAUN ≞∕r-Crucell Pfizer PPD 🧿 Recursion. **P** 34

### **Executive Summary**



# **Corporate Highlights**

#### Differentiated Pipeline Solving for the Challenges of today's GLP1's

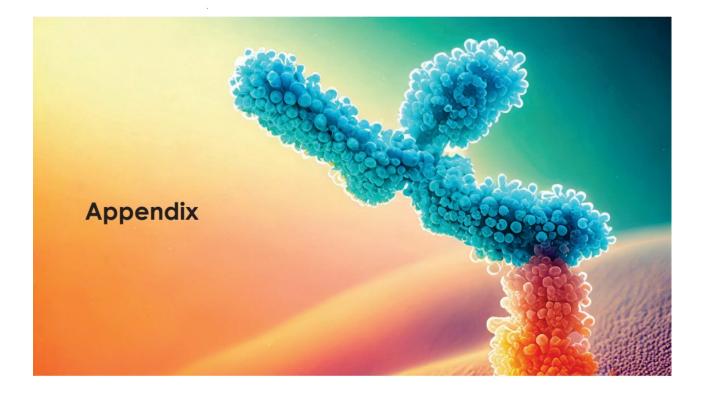
- Quality weight loss (IBIO-600, IBIO-610)
- > Developability (IBIO-600, IBIO-610)

### Patented Al-Driven Discovery Tech Stack

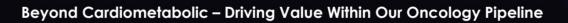
- Rapidly advance a highly developable pre-clinical pipeline
- Solve hard-to-drug problems

# **Financial Highlights**

- \$10.5M in cash and restricted cash and cash equivalents as of May 1, 2025
- ~16.22M shares outstanding as of June 13, 2025











# iBio's Tech Stack Aims to Solve Major Challenges in Antibody Discovery & Development





#### Unlocking Novel Biology

Pursuit of Elusive Targets GPCRs, Ion Channels, Protein Complexes

Complex modalities Agonistic Antibodies, Cell Activators, Protein Complex Stabilizers Proprietary Naïve mAb Library

Fully human Ab

Reduced immunogenicity

risk by clinically validated

Ab frameworks

Speed

Rapid hit ID vs immunization

campaigns

Improved Developability

Known sequence liabilities

eliminated

ary Naïve Library

#### Improved Speed and Developability

Library Diversity ML tools create focused diversity with smaller library size

> **Speed** Simultaneous, Multi-Dimensional Optimization

StableHu &

Mammalian Display

Improved Developability Mammalian Display with production cell lines exclusively yields expressible clones



#### Optimized Antibody Leads

Reduced Lead-Optimization Time Optimization in less than 4 weeks

Minimized Developability Risk Mammalian Display in Manufacturing Cell Line

Potential for Improved Safety Selective "on-tissue" action of masked antibodies

First in Class Antibodies and / or Best in Class Antibodies

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# iBio's Tech Stack Addresses Immuno-oncology Discovery and Development Challenges





2<sup>nd</sup> Gen T-cell Engager Panel

Sequence Diversity Increased humanness and broad CD3 activity for optimized pairing with antigen arms

Hu-Cyno Cross Reactivity Risk reduction via cyno monkey toxicity study compatibility

Range of Cytokine Release Tailored cytokine release for expanded therapeutic window

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Greater Safety With Tissue Specificity

Seamlessly Integrated Ab Masking Engineered epitopes serve dual purpose for raising and masking of Abs

Flexibility in Candidate Selection Simultaneous co-optimization of Ab, mask and linker provides maximized flexibility in candidate selection



#### Enhanced Efficacy and Safety of I/O Antibody Leads

Finely tuned T-cell engagement Adjustable T-cell engagement to fit any tumor target engager

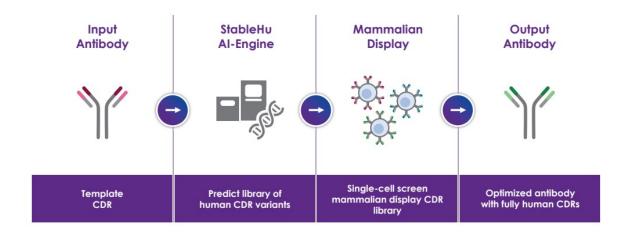
Improved safety prediction Cyno cross reactivity allows for better preclinical safety assessment

Improved Safety Profile

Tissue selective action through "smart", conditionally activated, antibodies

# Accelerate Success: StableHu Antibody Optimization & Mammalian Display Screening Propel Faster, Cost-Effective Antibody Development



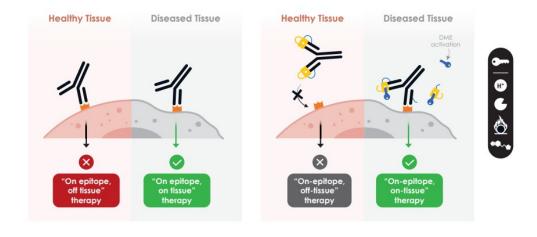


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# "Smart" Antibodies: ShieldTx Conditionally Activated Antibodies Strive to Improve Safety by Selectively Targeting Diseased but not Healthy Tissue

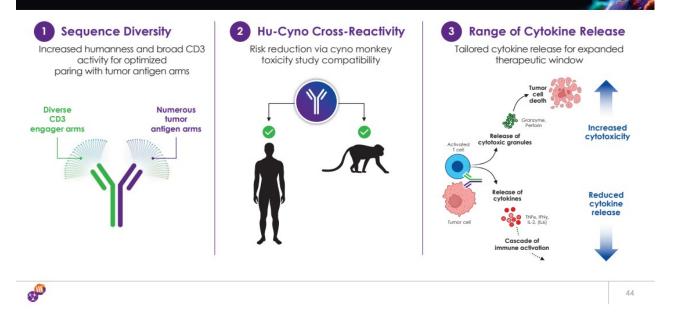


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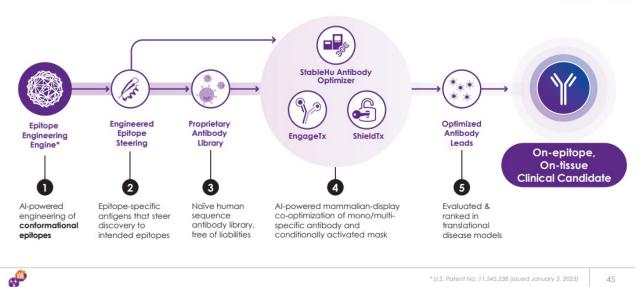


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### EngageTx, a CD3-Based T-Cell Engager Panel, Addresses 3 Key Challenges: Cytokine Release, NHP Cross-Reactivity and Immunogenicity Risk



# iBio's Platform Tackles Discovery Challenges for the Next Era of Antibodies



\* U.S. Patent No. 11,545,238 (issued January 3, 2023)