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): May 11, 2026

Metagenomi Therapeutics, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware	**001-41949**	**81-3909017**
(State or Other Jurisdiction of Incorporation)	**(Commission File Number)**	**(IRS Employer Identification No.)**

5959 Horton Street **7th Floor** **Emeryville, California** **(Address of Principal Executive Offices)**	**94608** **(Zip Code)**

Registrant's Telephone Number, Including Area Code: (510) 871-4880

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the 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 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, $0.0001 par value per share	MGX	Nasdaq Global Select Market

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 ☒

If an emerging growth company, indicate by check mark 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 2.02 Results of Operations and Financial Condition.

On May 11, 2026, Metagenomi Therapeutics, Inc. (the "Company") announced its financial results for the quarter ended March 31, 2026 and additional business updates. A copy of the press release in connection with the announcement is being furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

The information in this Item 2.02 (including Exhibit 99.1 attached hereto) is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act"), except as expressly set forth by specific reference in such filing.

Item 7.01 Regulation FD Disclosure.

A copy of the Company's May 2026 corporate presentation is furnished as Exhibit 99.2 to this Current Report on Form 8-K and is incorporated herein by reference.

The information contained in this Item 7.01 (including Exhibit 99.2) is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Exchange Act, or otherwise subject to the liabilities of that section and shall not be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Earnings Press Release Issued by Metagenomi Therapeutics, Inc. on May 11, 2026
99.2	Corporate Presentation of Metagenomi Therapeutics, Inc. dated May 2026
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

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

Metagenomi Therapeutics, Inc.

Date: May 11, 2026

By: /s/ Jian Irish
Jian Irish, Ph.D., M.B.A.
President and Chief Executive Officer

Metagenomi
THERAPEUTICS

Metagenomi Therapeutics Reports Business Updates and First Quarter 2026 Financial Results

On track for regulatory submission of MGX-001 to advance global clinical program, including investigational new drug application ("IND") in 4Q 2026

Publication in Nature Structural & Molecular Biology highlights potential of MG119-28, a proprietary compact CRISPR nuclease with enhanced genome editing efficiency

$140.2 million in cash, cash equivalents, and available-for-sale marketable securities as of March 31, 2026, with runway anticipated to support operations through 4Q 2027

EMERYVILLE, Calif., May 11, 2026 (GLOBE NEWSWIRE) -- Metagenomi Therapeutics, Inc. (Nasdaq: MGX) (the "Company"), an in vivo genome editing company capitalizing on its proprietary technologies to create curative genetic medicines for patients, today reported financial results for the first quarter ended March 31, 2026, and provided business updates.

"We remain diligently focused on advancing our core genome-editing technologies, led by our MGX-001 program for hemophilia A, which remains on track for regulatory submission in the fourth quarter of this year and first-in-human studies in 2027," said Jian Irish, Ph.D., M.B.A., President and Chief Executive Officer of Metagenomi Therapeutics. "The promise of our novel technology, most recently highlighted by a *Nature* publication, in addition to the encouraging preclinical data and continued IND-enabling execution, gives us confidence in our goal to provide patients an option for one-time, curative treatments, beginning with hemophilia A."

First Quarter 2026 and Subsequent Updates

MGX-001 – Hemophilia A Program

- On track for regulatory submission of MGX-001 to advance global clinical program, including an IND in the fourth quarter of 2026, and subject to regulatory clearance, initiate clinical trials in 2027.
- During the first quarter, Kapil Saxena, MD joined the Company to spearhead the clinical development program for MGX-001. Prior to joining the Company, Dr. Saxena held leadership positions in clinical development at Autolus, Daiichi Sankyo and Bayer. Prior to joining industry, Dr. Saxena was a practicing hematologist and director of hemophilia treatment centers in Boston and Oklahoma.

MGX-001 Large Gene Integration System for Protein Replacement via Gene Insertion

- Following the demonstration of in vivo proof-of-concept in NHPs via the MGX-001 site-specific genome integration system, the Company is pursuing disease indications which have the potential to be treated by protein replacement via gene insertion.

Platform Technology Updates

- Publication in *Nature Structural & Molecular Biology* highlights the discovery and detailed characterization of MG119-28, a compact CRISPR nuclease with superior editing efficiency relative to previously identified compact nucleases from the Cas12f class.

First Quarter 2026 Financial Results

Cash Position: Cash, cash equivalents, and available-for-sale marketable securities were $140.2 million as of March 31, 2026.

R&D Expenses: Research and development (R&D) expenses were $19.3 million for the quarter ended March 31, 2026, compared to $25.1 million for the comparable period in 2025.

G&A Expenses: General and administrative (G&A) expenses were $6.5 million for the quarter ended March 31, 2026, compared to $6.8 million for the comparable period in 2025.

About Metagenomi Therapeutics

Metagenomi Therapeutics, Inc. is an in vivo genome editing company capitalizing on its proprietary technologies to create curative genetic medicines for patients. The Company was founded on the science of metagenomics, the study of genetic materials recovered from the natural environment, to discover and develop a suite of novel CRISPR gene-editing tools potentially capable of correcting any type of genetic mutation found anywhere in the human genome. The Company focuses on high value programs in disease indications with well-understood biology and clearly defined clinical development and regulatory pathways. Going forward, the Company intends to continue to expand its pipeline by leveraging its proprietary genetic editing capabilities in site specific deletion, insertion and correction.

MGX-001, the Company's lead, wholly-owned development program in hemophilia A, has demonstrated a preclinical profile with best-in-class treatment potential, including targeted genome editing and durable gene expression in a one-time treatment. MGX-001 is designed to provide curative, life-long protection from bleeding events and joint damage in adults and children, potentially enabling a new standard of care for the treatment of hemophilia A. The Company is also currently pursuing indications leveraging the MGX-001 site-specific genome integration system and partnered assets targeting cardiometabolic diseases. For more information, please visit https://metagenomi.co/.

Cautionary Note Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, each as amended. Such statements, which are often indicated by terms such as "anticipate," "believe," "could," "estimate," "expect," "goal," "intend," "look forward to," "may," "plan," "potential," "predict," "project," "should," "will," "would" and similar expressions include, but are not limited to, any statements relating to our product development programs, including the timing of and our ability to conduct IND-enabling studies and make regulatory filings such as INDs, expectations

regarding MGX-001 including the preclinical profile with best-in-class treatment potential and timing to submit the IND/CTA package, statements regarding the Company's plans to prioritize its preclinical pipeline and potential for value creation and sustainable growth, statements regarding upcoming milestones, statements concerning the potential of therapies and product candidates, statements concerning the impact of the organizational restructuring, statements concerning our anticipated cash runway, and any other statements that are not historical facts. Forward-looking statements are based on management's current expectations and are subject to risks and uncertainties that could negatively affect our business, operating results, financial condition, and stock value. Factors that could cause actual results to differ materially from those currently anticipated include: risks relating to our growth strategy; our ability to obtain, perform under, and maintain financing and strategic agreements and relationships; risks relating to the results of research and development activities; risks relating to the timing of IND submissions and starting and completing clinical trials; uncertainties relating to preclinical and clinical testing; our dependence on third party suppliers; our ability to attract, integrate and retain key personnel; the early stage of products under development; our need for substantial additional funds; government regulation and the current regulatory environment; patent and intellectual property matters; competition; the volatility of capital markets and other adverse macroeconomic factors; as well as other risks described in "Risk Factors," in our most recent Form 10-K and other risk factors set forth from time to time in our filings with the Securities and Exchange Commission made pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended. We expressly disclaim any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements contained herein to reflect any change in our expectations or any changes in events, conditions or circumstances on which any such statement is based, except as required by law, and we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995.

Investor Contact:

Stephen Jasper
Gilmartin Group
stephen@gilmartinir.com

Condensed Financial Statements

Condensed Balance Sheet Data
(Unaudited)

(in thousands)	March 31, 2026	December 31, 2025
Cash, cash equivalents and available-for-sale marketable securities	$ 140,162	$ 160,799
Total assets	$ 196,953	$ 221,103
Total liabilities	$ 59,168	$ 62,507
Total stockholders' equity	$ 137,785	$ 158,596
Total liabilities and stockholders' equity	$ 196,953	$ 221,103

Condensed Statements of Operations
(Unaudited)

	Three Months Ended March 31,	
(In thousands, except share and per share data)	2026	2025
Collaboration revenue	$ 1,248	$ 4,127
Operating expenses:		
Research and development	19,300	25,142
General and administrative	6,535	6,805
Total operating expenses	25,835	31,947
Loss from operations	(24,587)	(27,820)
Other income (expense):		
Interest income	1,539	2,887
Other expense, net	(1)	(8)
Total other income, net	1,538	2,879
Net loss before provision for income taxes	(23,049)	(24,941)
Provision for income taxes	(10)	(98)
Net loss	$ (23,059)	$ (25,039)
Net loss per share attributable to common stockholders, basic and diluted	$ (0.61)	$ (0.68)
Weighted average common shares outstanding, basic and diluted	37,581,094	37,019,027

Precision gene editing designed to deliver durable, curative medicines

Hemophilia A lead program | IND 2026

Corporate Presentation
May 2026

Forward-looking statements

This presentation includes forward-looking statements, including forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical facts contained in this presentation are forward looking statements, including statements regarding our cash runway, strategy and plans, industry environment, potential growth opportunities, and the therapeutic potential of our programs. The words "believe," "may," "will," "estimate," "continue," "anticipate," "design," "expect," "could," "plan," "potential," "predict," "seek," "should," "would," or the negative version of these words and similar expressions are intended to identify forward-looking statements.

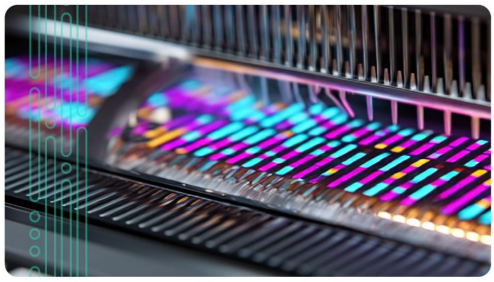
We have based these forward-looking statements on our current expectations and projections about future events and trends that we believe may affect our financial condition, results of operations, strategy, short- and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including but not limited to, our ability to develop and advance our programs and product candidates, our ability to maintain and establish collaborations or strategic partnerships, our regulatory approvals and filings, and other risks, uncertainties and assumptions identified in our filings with the Securities and Exchange Commission (the "SEC"), including our most recent Form 10-K and Form 10-Q filed with the SEC, and any subsequent filings with the SEC.

Moreover, we operate in a very competitive and rapidly changing environment, and it is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In light of these risks, uncertainties and assumptions, the forward-looking statements and circumstances discussed in this presentation may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or occur. Moreover, except as required by law, neither we nor any other person assumes responsibility for the accuracy and completeness of the forward-looking statements. We undertake no obligation to update publicly any forward-looking statements for any reason after the date of this presentation to conform these statements to actual results or to changes in our expectations, unless required by law.

This presentation contains estimates and other information concerning our industry, our business and the markets for our products. Information that is based on estimates, market research or similar methodologies is inherently subject to uncertainties, and actual events or circumstances may differ materially from events and circumstances that are assumed in this information. Unless otherwise expressly stated, we obtained this industry, business, market and other data from our own internal estimates and research as well as from reports, research surveys, studies and similar data prepared by market research firms and other third parties, industry, medical and general publications, government data and similar sources. These sources include government and industry sources. Industry publications and surveys generally state that the information contained therein has been obtained from sources believed to be reliable. Although we believe the industry and market data to be reliable as of the date of this presentation, this information could prove to be inaccurate. Industry and market data could be wrong because of the method by which sources obtained their data and because information cannot always be verified with complete certainty due to the limits on the availability and reliability of raw data, the voluntary nature of the data gathering process and other limitations and uncertainties. While we believe our internal company estimates and research as to such matters is reliable and the market definitions are appropriate, neither such research nor these definitions have been verified by any independent source, and no reliance should be placed on or should be made on any information or statements made in this presentation relating to or based on such internal estimates and research.

A differentiated *in vivo* gene editing company advancing curative genetic medicines

Metagenomi THERAPEUTICS



An *in vivo* CRISPR gene editing company capitalizing on its proprietary technologies to create curative genetic medicines

Focusing on lead program MGX-001 in hemophilia A advancing to the clinic

Expanding indications leveraging site-specific gene integration system and partnered assets targeting cardiometabolic indications

NASDAQ: **MGX**

Differentiated gene editing beyond CRISPR/Cas9

20,000 +

Signature editing systems from Metagenomi's database

Proprietary CRISPR genome editing

High specificity

Precise editing

Durable integration

Large gene insertion

Broad targeting

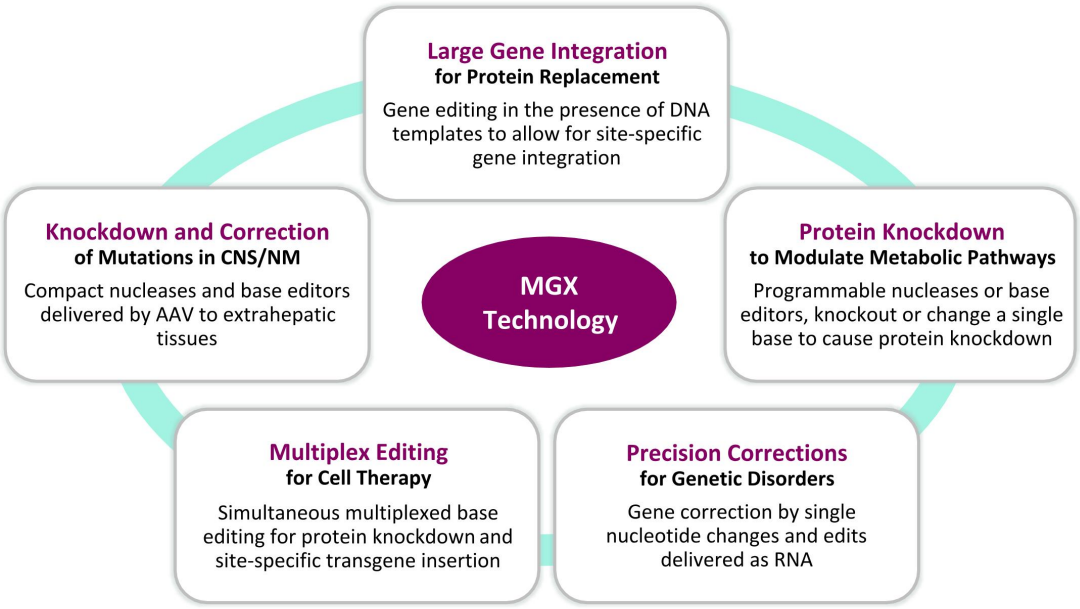
Expanded genome access

Multiplexed editing

Multi-gene capability

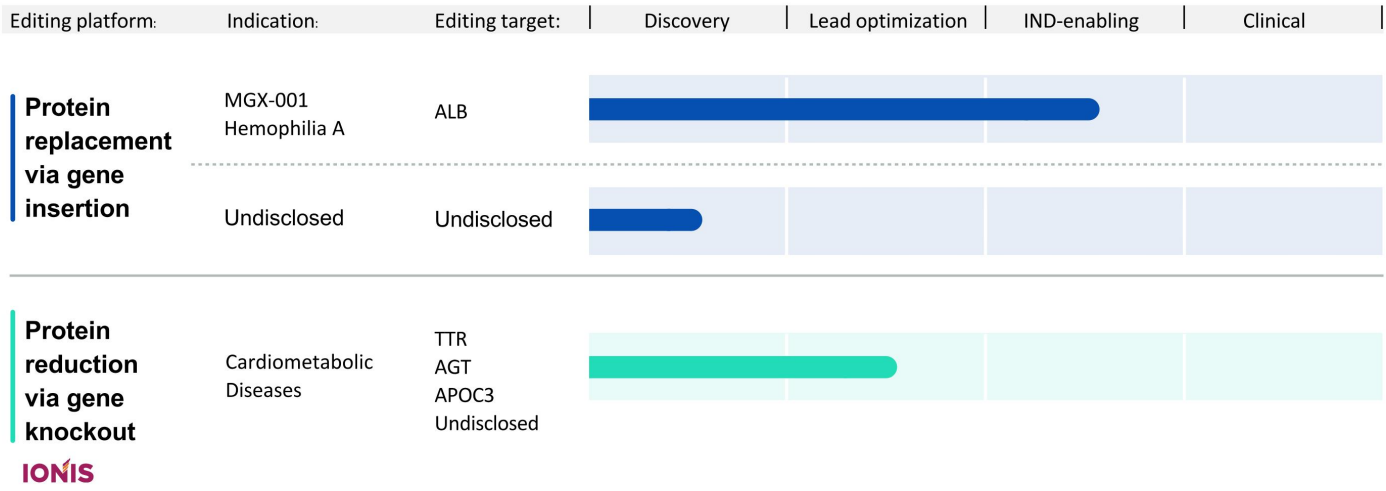
We improve editing precision and expand genome targeting and editing functionality beyond CRISPR/Cas9 to effectively address genetically-driven diseases.

A versatile platform designed to address a wide range of genetic diseases



Potentially capable of correcting any type of genetic mutation found anywhere in the human genome

Focused pipeline anchored by differentiated lead program

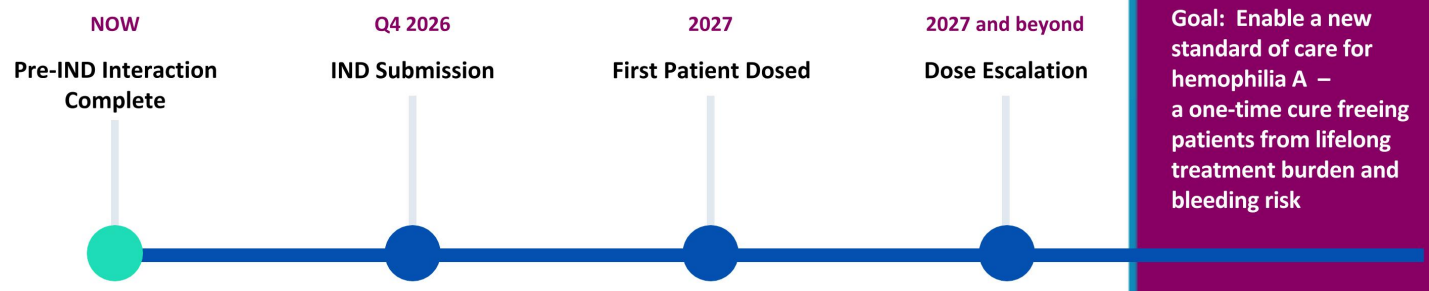


IONIS

Metagenomi is exploring opportunities to pursue neuromuscular disease targets & liver disease targets such as A1AT and Wilson Disease, as well as business development to expand therapeutic applications including cell therapy.

NASDAQ: **MGX**

MGX-001 development roadmap to clinic



NOW

Pre-IND Interaction Complete

Dec 2025 FDA meeting — collaborative, favorable outcome

Q4 2026

IND Submission

Submit IND for first-in-human Phase 1/2 study

2027

First Patient Dosed

Global single-arm study; observe initial safety and efficacy within weeks of dosing

2027 and beyond

Dose Escalation

Identify target dose; expand to pediatric patients

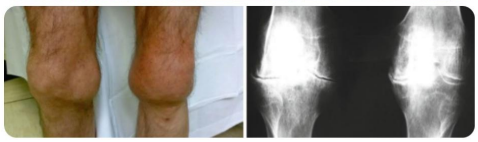
Goal: Enable a new standard of care for hemophilia A – a one-time cure freeing patients from lifelong treatment burden and bleeding risk

$140.2 million in cash, cash equivalents, and available-for-sale marketable securities at end of Q1 2026
Runway anticipated to support operations through Q4 2027

NASDAQ: **MGX**

MGX-001 - designed to deliver a durable, one-time treatment for Hemophilia A

Hemophilia A: large, validated market still lacking a durable cure



~26,500
patients in the U.S.[1]

~500,000
worldwide[2]

Hemophilia A is the most common X-linked inherited and de novo bleeding disorder, largely affecting males.

Caused by variety of mutations in the Factor VIII (FVIII) gene leading to loss of functional FVIII protein.

NASDAQ: **MGX**

Current Standard of Care:

Factor VIII replacement therapy

- IV typically dosed 1 - 3 times/week
- Significant adherence challenges
- Risk of breakthrough bleeding
- Chronic treatment, non-curative

Bi-specific antibody "mimetic"

- SQ dosed 1, 2 or 4 weeks post loading
- Risk of breakthrough bleeding
- Treatment burden, non-curative

Recent Curative Gene Therapy Attempted:

- Variable initial efficacy
- Decline in FVIII levels over time
- High risk of prolonged corticosteroid use
- Not suitable for pediatric patients

Annual treatment cost[3]:
~$565K - $750K

Lifetime treatment cost:
~$18M - $24M[4]

1- Soucie, J.M., et al, 2020. Haemophilia. Vol. 26, no. 3, pp. 487–493.
2 - Stonebraker, J. S., et al, 2010. Haemophilia. Vol. 16, pp. 20–32.
3 - ICER. Gene Therapy for Hemophilia B and A: Final Evidence Report. Dec 22, 2022.
4 - Curtis R et al. Poster presented at: 65th ASH Annual Meeting & Exposition; December 11, 2023; San Diego, CA.

Genome editing offers a potentially ideal curative approach for Hemophilia A

Hemophilia A is an ideal indication for genome editing approach:

- Monogenic and well-characterized biology with clear biomarker
- Clearly defined target threshold of curative FVIII level & wide safety range
- Robust preclinical models and regulatory familiarity
- Strong advocacy and infrastructure
- Clear opportunity for a durable cure

MGX-001 is uniquely suited for patients of all ages:

Technology:

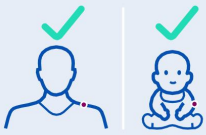
proprietary Type V nuclease

Durability:

Regulatory status:

IND-enabling stage

Pediatric potential:



MGX-001 is a potentially durable, curative approach for adults and children – the population with the most to gain

NASDAQ: **MGX**

Compelling preclinical profile achieved across efficacy, durability, and safety

Extensive and supportive preclinical data set

- FVIII activity achieved in **curative range** with clear dose response in NHPs
- **Durable** FVIII activity over approximately 19-month study in NHPs
- **Encouraging safety profile** with single doses of steroids, and no genotoxicity observed

Novel mechanism of action

- FVIII integration leveraging **albumin promoter** to achieve normalized activity level
- **Promoterless FVIII gene** delivered by AAV effective at **lower dose** than approved gene therapies
- Precise FVIII integration facilitated by proprietary CRISPR nuclease MG29-1 achieving **no detectable off-target** editing

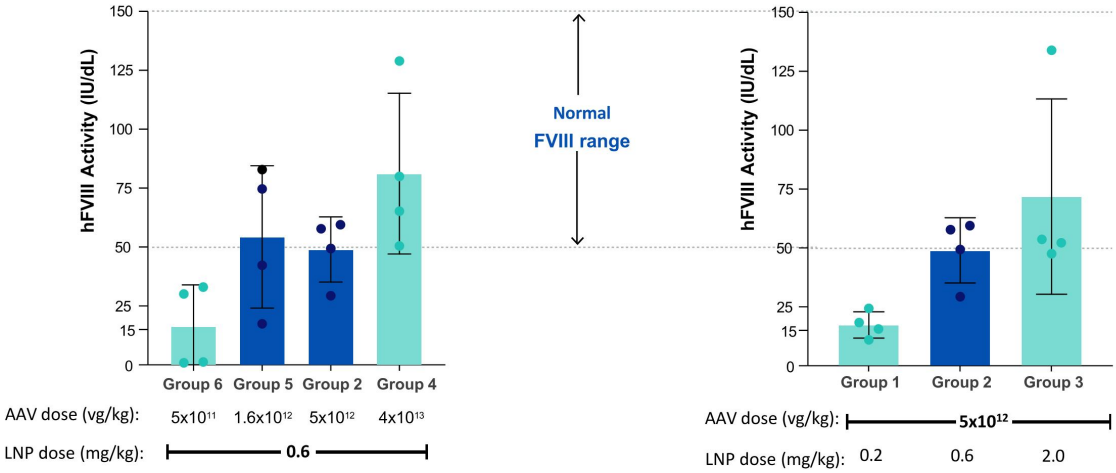
Compelling potential clinical profile

- Enables **endogenous production** of FVIII supporting hemostatic regulation
- Potential to normalize FVIII levels and deliver meaningful clinical benefit for both **adults and pediatric** patients
- Goal to be one-time durable cure allowing patients the freedom of a **hemophilia free mind**

Curative FVIII range achieved

Development candidate

Dose range finding study in NHP identified minimum and optimal efficacious doses

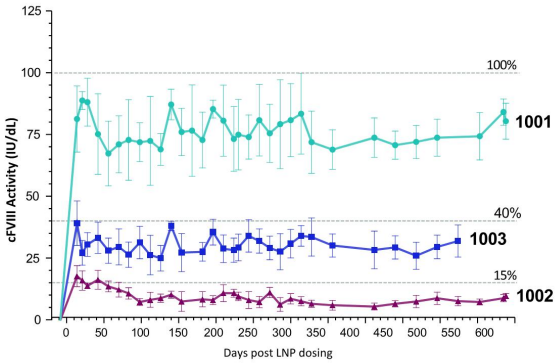


FVIII activity for each animals is the mean of values on d5, d8, d11 post LNP dosing measured with a capture-chromogenic assay. hFVIII activity was stable from d5 to d11 post LNP. Xyntha was used for the standard curve.

Durable FVIII expression demonstrated ~19 months

Pre-development candidate

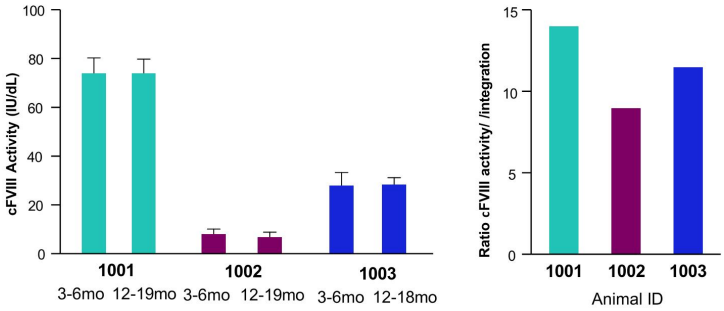
NHP durability study:
Stable expression over ~19 months



FVIII activity values are the mean and standard deviation of at least 3 independent assay runs with each sample run in at least duplicate in each assay.

Animal 1003 died on day 540 (17.8 mo) post LNP, assessed as unrelated to the treatment.

Plasma FVIII activity levels unchanged between 3-6 months and 12-19 months and correlate to integration:



1 - Integration in forward orientation (copies per 100 haploid genomes, average of 5 liver lobes).

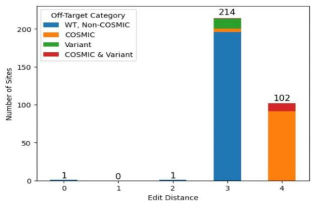
NASDAQ: **MGX**

No genotoxicity observed

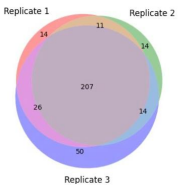
Development candidate

Discovery of potential off-target sites

1. In silico off-target discovery:



2. Biochemical off-target discovery:

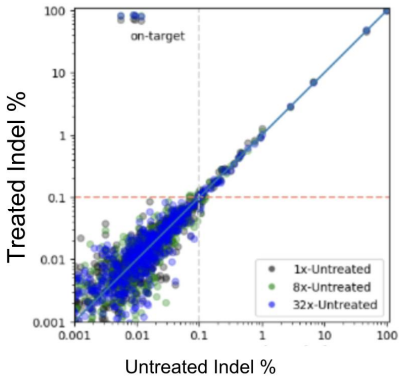


3. In cell off-target discovery:

No potential off-targets were discovered in cell-based assays.

No validated off-target sites observed

Three independent primary human hepatocyte donors:

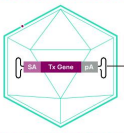


Genome integrity maintained as observed via off-target editing and AAV integration assays.

MGX-001: leveraging natural promoter through FVIII gene integration

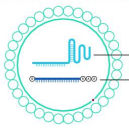
MGX-001 components:

AAV delivers FVIII gene (donor DNA):



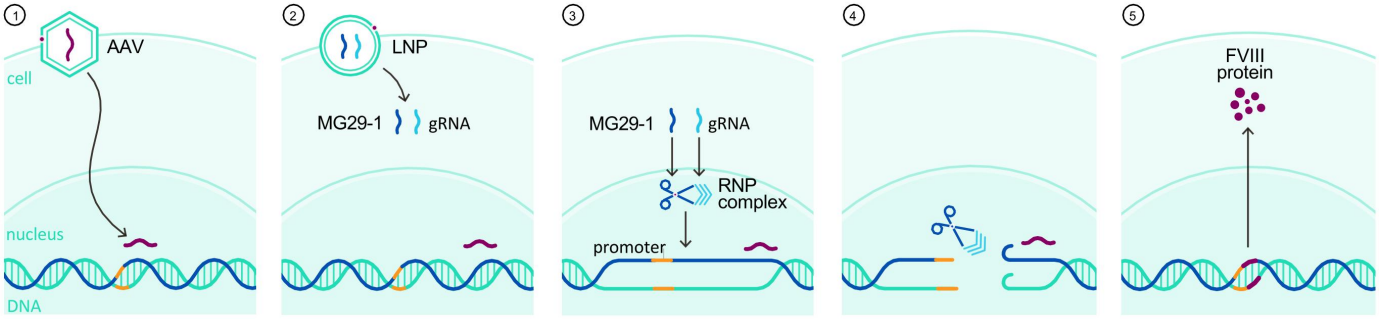
Promoterless FVIII gene

LNP delivers CRISPR nuclease mRNA & gRNA targeting albumin:



Guide RNA (gRNA)

Nuclease mRNA (MG29-1)



AAV delivers FVIII gene

LNP delivers CRISPR cargo

CRISPR cargo forms complex

Cut at albumin locus and FVIII gene integrates

Albumin promoter drives sustained FVIII production

NASDAQ: **MGX**

Potential to deliver a durable cure for both adult and pediatric patients with hemophilia A

Designed to enable endogenous FVIII expression for hemostatic regulation

Compelling pre-clinical data

- Curative FVIII activity
- Durable FVIII expression

Encouraging safety profile

- Minimal steroid use
- Promoterless AAV application
- No off-target editing observed

Established regulatory framework and defined clinical endpoints

- pre-IND interaction completed
- IND submission on track for Q4 2026
- First-in human in 2027

Our goal: To enable a new standard of care for hemophilia A

NASDAQ: **MGX**

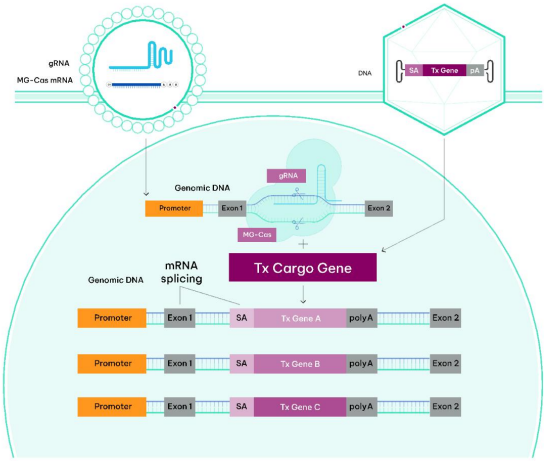
Expanding applications of site-specific large gene integration system

Leverage site-specific large gene integration across additional indications

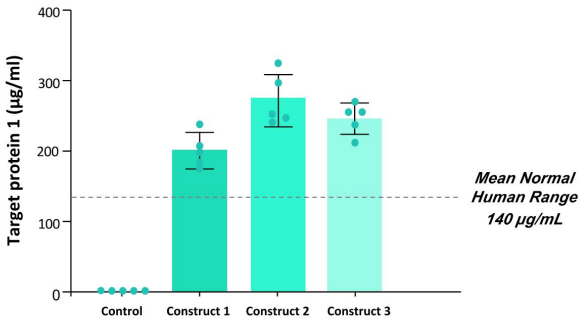
Expanding MGX-001 site-specific gene integration system into additional therapeutic targets

LNP delivers nuclease mRNA and guide targeting albumin site

AAV delivers Transgene (donor DNA)

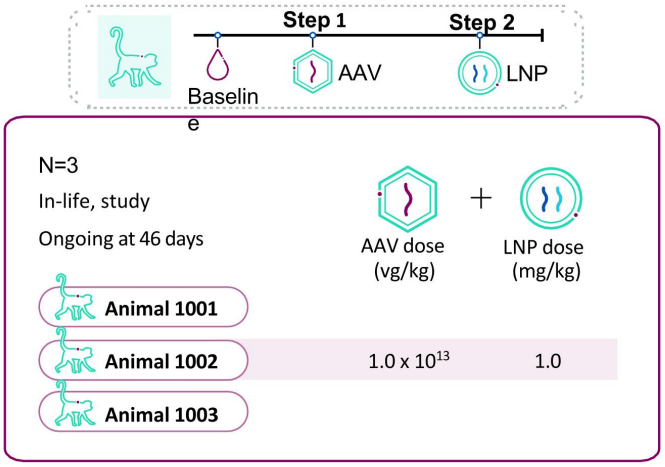


Normal circulating levels of target protein achieved in secreted protein disorder mice with multiple construct designs



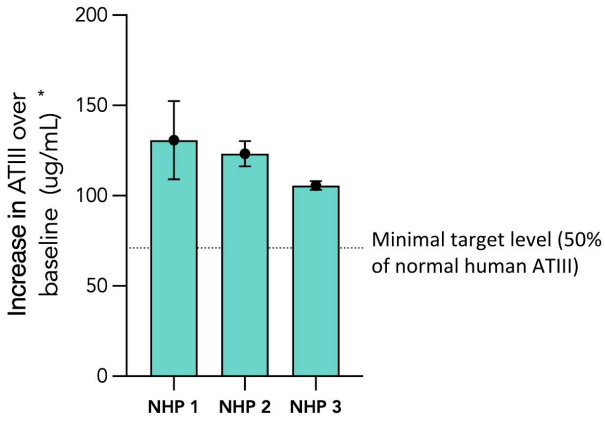
- Above normal human protein expression achieved in mouse plasma
- Insertion assessed with multiple DNA template constructs
- LNP and AAV dose titration can be used to fine tune therapeutic window

Proof-of-concept demonstrated in additional disease models



- Severe antithrombin (AT-III) deficiency increases risk of venous thromboembolism (VTE)
- On average patients with severe disease have 50% of the normal amount of AT-III in their blood (70 ug/ml) [1,2]
- Replacing the missing AT-III with at least 50% of normal is expected to be a functional cure

Achieved circulating AT-III protein exceeding curative target of 50% of normal human levels

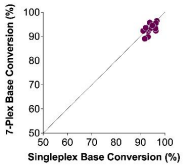


*Data are the mean of day 8 and 11 post-dosing minus the mean of days 0, 4 and 7 pre-dose

1. Lane DA, Bayston T, Olds RJ et al. Antithrombin mutation database: 2nd (1997) update. For the Plasma Coagulation Inhibitors Subcommittee of the Scientific and Standardization Committee of the International
2. Conard et al (1983). Molar antithrombin concentration in normal human plasma. Haemostasis.13:363–8

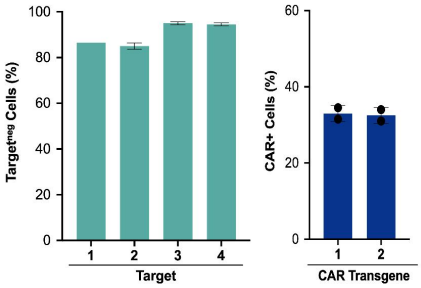
Broaden therapeutic potential with transformative gene editing

Multiplex editing and compact editors enable next-generation therapies

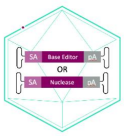


Multiplex editing in T-cells achieved across seven unique gene targets at as high efficiency as single plex editing

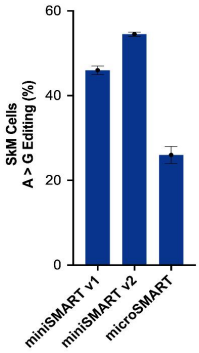
Combined protein knockdown and CAR knock-in in a single-step for cell therapy applications



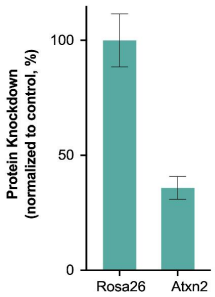
Four-plex knockdown and dual CAR knock-in in T cell with MGABE100 + 5 gRNA + DNA CAR template[1]



Compact nucleases and base editors demonstrated high editing efficiency and compatibility with AAV delivery[2,3]



Multiple compact base editors[2] demonstrated effective neuromuscular targeting



Compact nuclease MG119-28 achieved 64% knockdown of Atxn2 protein in mice[4]

NASDAQ: **MGX**

1. van Overbeek, M., et al, Presentation at 10th Annual CAR TCR Summit, 2025
2. Rallapalli, R., et al, Submitted, 2026
3. Guan, K., et al, Nature Structural and Molecular Biology, 2026
4. Senger, K., et al, Poster presented at ASGCT Annual Meeting, 2025

Strategic partnership expands reach into large cardiometabolic markets

Current indications:

- TTR
- AGT
- APOC3
- Undisclosed

IONIS

- MGX's in vivo genome editing complements Ionis leadership in cardiometabolic space
- 4 targets: two co-development and co-commercialization options
- Multibillion dollar TAM

NASDAQ: **MGX**

Building a leading gene editing company focused on cures

- Broad and differentiated library of **proprietary gene editing** technologies representing a significant long-term value driver
- Advancing **MGX-001 for hemophilia A** with clear development path and well-defined clinical and regulatory endpoints
- Extending **beyond hemophilia A**, large gene integration system opens potential to address other protein deficiencies
- Pairing our gene-editing capabilities with complementary expertise to **accelerate development through collaboration**

NASDAQ: **MGX**

Thank you

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