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): October 23, 2023

SAGIMET BIOSCIENCES INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-41742 (Commission File Number) 20-5991472 (I.R.S. Employer Identification No.)

Sagimet Biosciences Inc. 155 Bovet Road, Suite 303, San Mateo, California 94402 (Address of principal executive offices, including zip code)

(650) 561-8600 (Registrant's telephone number, including area code)

Not Applicable (Former Name or Former Address, if Changed Since Last Report)

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|---------|--|---|--|
| 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 230.42 | 25) | |
| | Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-1 | 12) | |
| | Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Ac | rt (17 CFR 240.14d-2(b)) | |
| | Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Ac | t (17 CFR 240.13e-4(c)) | |
| Securit | ities registered pursuant to Section 12(b) of the Act: | | |
| | <u>Title of each class</u> Series A Common Stock, \$0.0001 par value per share | <u>Trade</u> <u>Symbol(s)</u> SGMT | <u>Name of each exchange on which registered</u> The Nasdaq Global 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. \Box

Item 7.01 Regulation FD Disclosure.

On October 23, 2023, Sagimet Biosciences Inc. (the "Company") updated information reflected in a slide presentation, which is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. Representatives of the Company will use the updated presentation in various meetings with investors from time to time.

The information contained in this Item 7.01 (including Exhibit 99.1) 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 to be 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.

Document Investor Presentation of Sagimet Biosciences Inc., dated October 23, 2023. 99.1 104

Cover Page Interactive Data File (embedded within the Inline XBRL document).

SIGNATURE

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.

Sagimet Biosciences Inc.

Date: October 23, 2023

By: /s/ David Happel
David Happel
Chief Executive Officer



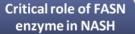
Forward Looking Statements

This presentation contains forward-looking statements within the meaning of, and made pursuant to the safe har of, The Private Securities Litigation Reform Act of 1995. All statements contained in this document, other than state historical facts or statements that relate to present facts or current conditions, including but not limited to, state possible or assumed future results of operations, business strategies, research and development plans, regulator market opportunity, competitive position and potential growth opportunities are forward-looking statements. The involve known and unknown risks, uncertainties and other important factors that may cause our actual results, pachievements to be materially different from any future results, performance or achievements expressed or important forward-looking statements. In some cases, you can identify forward-looking statements by terms such as "may," "would," "expect." "plan," "anticipate," "could," "intend." "target," "project," "believe," "estimate," "predict," "pc "continue" or the negative of these terms or other similar expressions. The forward-looking statements in this prolly predictions. These forward-looking statements speak only as of the date of this presentation and are subject risks, uncertainties and assumptions, some of which cannot be predicted or quantified and some of which are be control, including, among others: the clinical development and therapeutic potential of denifanstat or any otherwe may develop; our ability to advance drug candidates into and successfully complete clinical trials, including on Phase 2b clinical trial; our relationship with Ascletis, and the success of its development efforts for denifanstat; the our estimates regarding our capital requirements; and our ability to maintain and successfully enforce adequate property protection. These and other risks and uncertainties are described more fully in the "Risk Factors" section recent filings with the Securities and Exchange Commission and available at <a href="https://www.sec.

Proven Team with Development and Commercialization Experience A Hepatology, Metabolic Disease and Oncology

| (3) | Dave Happel President & CEO | Cognoa: President & CEO Chrono Therapeutics: President & CEO Senior executive and commercial roles at Horizon, Raptor, Dynavax, Chiron M.B.A. – Indiana State University; B.A. chemistry – Indiana University | i¦ HOR ≥ Pfi |
|-----|-------------------------------------|---|------------------------|
| | George Kemble Executive Chairman | AstraZeneca (formerly MedImmune, Aviron): SVP research for biologics and general manager of California operations, VP vaccine research & development for vaccines Ph.D. – Stanford University, dept of microbiology & immunology | AstraZene |
| | Eduardo Martins CMO | Abbvie (formerly Allergan), Eiger BioPharmaceuticals, Gilead, Genentech, Dynavax, Intermune, SciClone D.Phil. – University of Oxford M.D. – Federal University of Rio de Janeiro, Brazil | abbv Genen |
| | | | |
| | Anthony Rimac CFO | Cognoa, ESCAPE Bio, Chrono Therapeutics, Aldea Pharmaceuticals, Adamas Pharmaceuticals, Aerovance M.B.A. – Santa Clara University; B.A. – University of California Santa Barbara | cogn |

Sagimet Investment Highlights



- ✓ Key enzyme in de novo lipogenesis responsible for excess liver fat in NASH
- ✓ FASN inhibition directly improves the 3 key drivers of NASH – liver fat, inflammation, fibrosis
- ✓ Differentiated MOA to treat growing underserved patient population

Precision medicine is key differentiator

- ✓ Blood test confirms drug
- ✓ Predictive biomarkers ide responders
- Opportunity to personali optimize outcomes







- Statistically significant improvements in key biomarkers of NASH: liver fat, inflammation, fibrosis
- Results consistent with Phase 2a study
- Strengthen belief in Phase 2b liver biopsy results expected in 1Q 2024

Strong rationale for FASN in acne and cancer

Acne

- ✓ Clinical proof of concept est
 Positive Phase 2 topline re May 2023 by Ascletis
- Cancer
- ✓ Clinical proof of concept esta
- Phase 3 rGBM trial enrollm analysis completed in Sept by Ascletis

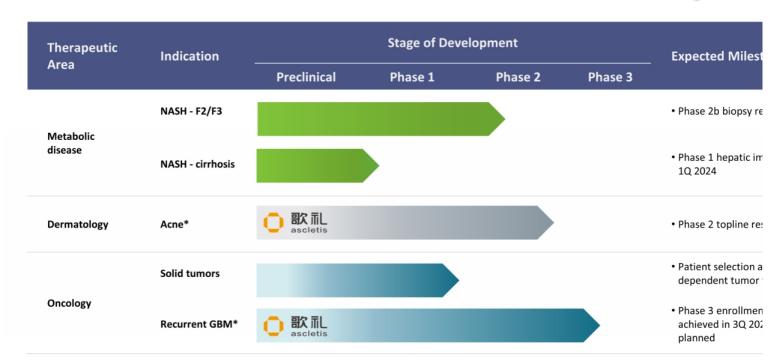
Strong financial position

- ✓ Upsized IPO completed in Jul million of gross proceeds
- Cash and equivalents expecte operations through into the fi

Denifanstat: FASN inhibitor with compelling clinical data



Denifanstat Pipeline of Multiple Indications and Clinical Miles



^{*} Trials conducted in China by Ascletis, who has licensed development and commercialization rights to all indications in Greater China

NASH: A Burgeoning Epidemic

Patients in 20161

United States

85.3 million

17.3 million

5.7 million

1.4 million

compensated and decompensated

11 thousand

annual cases among NAFLD population



Cirrhosis

Hepatocellular carcinoma

NAFL non-alcoholic fatty liver

NASH non-alcoholic mod-adv steatohepatitis

fibrosis

F2-F3

Disease challenges

- No approved drugs in U.S. or Europe
- · Complex disease, heterogeneous patient population
- · Improving regulatory clarity, but liver biopsy still required

Drug development challenges

- Many molecules moved forward on weak mechanism and data
- Inappropriate biomarkers for mechanism that did not translate to clinical benefit
- Safety: triglyceride elevations, LDL elevations, liver injury

Denifans

- ✓ Designed for one dosing
- Rigorous and de development str
- ✓ Direct DNL inhib demonstrated ir
- ✓ Improvements o across biomarke
- ✓ Phase 2b fully-e biopsy results ex
- ✓ Precision medici to improve patie

DNL = de novo lipoge

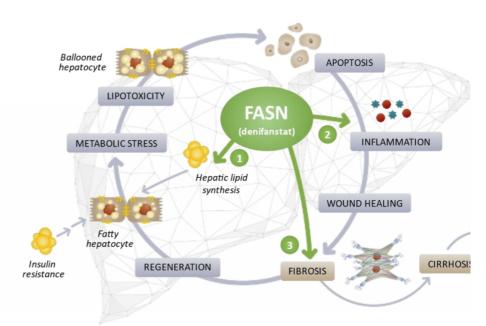
¹ Estes, et al. 2018; http://dx.doi.org/10.1016/j.jhep.2018.05.036



Denifanstat: Differentiated Mechanism Believed to Target Key Driver

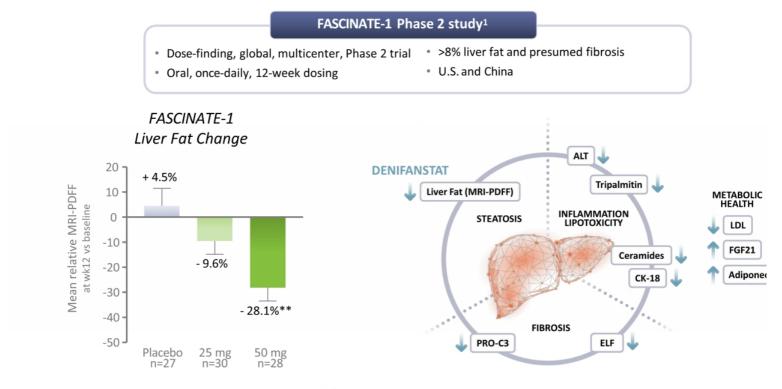
Denifanstat has independent mechanisms designed to:

- Block steatosis via inhibiting de novo lipogenesis in hepatocytes
- Reduce inflammation via preventing immune cell activation
- Blunt fibrosis via inhibiting stellate cell activation



Adapted from Wegermann et al, Clinical Liver Disease, Vol 11, No 4, April 2018, DOI: 10.1002/cld.709

Denifanstat Showed Dose-Dependent Reduction of Liver Fat in FASCINA Improved Key Drivers of NASH and Metabolic Health



¹Loomba et al, 2021 Gastroenterology. doi: 10.1053/j.gastro.2021.07.025

**p<0.005, Mean ±SEM. LSM difference versus placebo for liver fat.

9

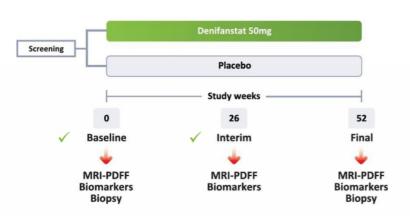
Denifanstat: Well Tolerated at 25/50mg Doses in FASCINATE-1

- No dose-related significant adverse events relative to placebo
- No serious AEs
- Majority of AEs were Grade 1; no Grade ≥3 drug-related AEs

| | Cohort 1 | | | Coho | Coho | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|--|------------------------|
| Treatment Emergent Adverse Event (TEAE) Classification | US Placebo N=31 | US 25mg N=33 | US 50 mg N=35 | China Placebo N=9 | China 50 mg N=21 | US 75m N=1 |
| Any TEAE | Gr 1: 12 (38.7%) Gr 2: 7 (22.6%) | Gr 1: 18 (54.5%) Gr 2: 7 (21.2%) | Gr 1: 12 (34.3%) Gr 2: 6 (17.1%) | Gr 1: 3 (33%) Gr 2: 2 (22%) | Gr 1: 11 (52%) Gr 2: 4 (19%) Gr 3: 2 (10%) | Gr 1: 3 (Gr 2: 6 (|
| TEAE leading to drug withdrawal | 0 | 2 (6.1%) | 0 | 0 | 0 | 4 (319 |
| Treatment Emergent Serious Adverse Event (SAE) | 0 | 0 | 0 | 0 | 0 | 0 |
| Drug related TEAE | Gr 1: 3 (9.7%) Gr 2: 1 (3.2%) | Gr 1: 10 (30.3%) Gr 2: 2 (6.1%) | Gr 1: 9 (25.7%) Gr 2: 1 (2.9%) | 0 | Gr 1: 9 (43%) Gr 2: 4 (19%) | Gr 1: 1 (Gr 2: 6 (|

Phase 2b Biopsy Trial: Measuring Histological Improvement

FASCINATE-2 Phase 2b trial design



- Biopsy confirmed F2-F3 NASH patients
- 52 weeks, 2:1 50mg or placebo, double-blind
- Fully enrolled: 168 patients in U.S., Canada, and Europe
- Prespecified interim analysis of the first 52 patients with MRI-PDFF >8%

Primary endpoints (biopsy)

- NAS ≥2 points improvement w/o worsening OR resolution of NASH w/o worsening of fibro
 - Lead reader of liver biopsies: pa Pierre Bedossa MD. PhD.
- Safety

Secondary endpoints

- Improvement in liver fibrosis ≥1 stage with worsening of NASH (Bx)
- Digital AI pathology
- Interim MRI-PDFF: absolute decrease, % from baseline, % pts ≥30% (responders)

Interim Analysis Cohort Represents Target Patient Population

| FAS | CINATE-2 Phase 2b Inte | rim Analysis Demograp | hics | |
|------------------------|-------------------------|-------------------------|-------------------------|--|
| Mean (SD) | Placebo (22) | Denifanstat (30) | Combined | |
| Age (years) | 56.8 (9.4) | 56.1 (12.4) | 56.4 (11.1) | |
| Female/Male (%) | 14 (63.6%) / 8 (36.4%) | 17 (56.7%) / 13 (43.3%) | 31 (59.6%) / 21 (40.4%) | |
| Not Hispanic or Latino | 16 (72.7%) | 24 (80.0%) | 40 (76.9%) | |
| Weight (kg) | 97.8 (21.9) | 100.9 (21.2) | 99.6 (21.4) | |
| Diabetes (% T2DM) | 13 (59.1%) | 21 (70.0%) | 34 (65.4%) | |
| F2/F3 (%) | 12 (54.5%) / 10 (45.5%) | 12 (40.0%) / 18 (60.0%) | 24 (46.2%) / 28 (53.8%) | |
| MRI-PDFF (%) | 21.78 (5.46) | 17.46 (6.36) | 19.29 (6.32) | |
| Fibroscan (kPa) | 10.67 (4.07) | 12.29 (7.33) | 11.56 (6.04) | |
| ALT (U/L) | 69.77 (42.50) | 57.14 (27.55) | 62.70 (35.11) | |
| AST (U/L) | 51.00 (29.87) | 44.43 (22.65) | 47.32 (26.00) | |
| LDL (mg/dL) | 111.37 (40.6) | 96.29 (50.27) | 102.86 (46.4) | |
| ELF | 9.70 (0.76) | 9.73 (0.76) | 9.72 (0.75) | |
| PRO-C3 cobas® (ng/mL) | 35.72 (15.71) | 32.54 (11.19) | 33.91 (13.28) | |

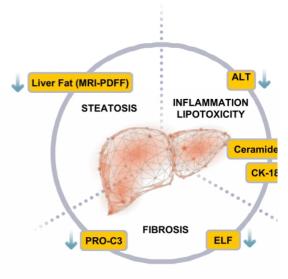
- Typical F2/F3 NAS
- Middle-aged
- High % of diabete
- High liver fat by M
- Elevated liver enzy inflammation
- Non-invasive mark consistent with F2

FASCINATE-2 Interim Results Consistent with Comprehensive Positive Readouts from FASCINATE-1

 FASCINATE-2 interim analysis showed consistent improvements in key drivers of NASH as observed in FASCINATE-1

| Mechanism | Biomarker |
|-------------------------------|-----------------------|
| Steatosis | Liver fat (MRI-PDFF) |
| 2 Inflammation/lipotoxicity | ALT, CK-18, ceramides |
| 3 Fibrosis | PRO-C3, ELF |

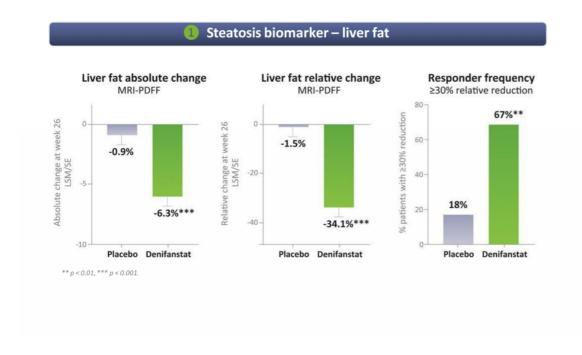
- Improvements observed in multiple biomarkers of
 metabolic health
 - LDL-cholesterol
 - FGF-21



Biomarkers replicated in FASCINATE-2

Denifanstat Decreased Liver Fat

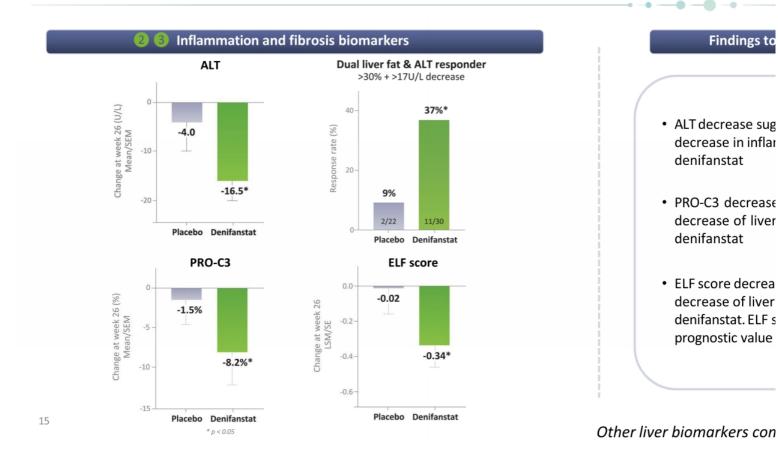
Responders Correlate with Liver Biopsy Improvement



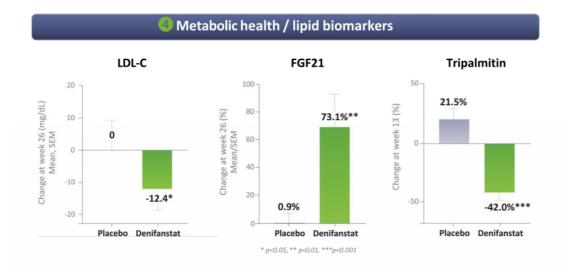
Findings to

- Denifanstat industatistically signif reduction of liver
- 67% (p<0.001) M response rate
- About half of res decreased liver fa
- A relative reducti ≥30% by MRI-PD shown to correla biopsy response

Denifastat Decreased PRO-C3 and ELF – Suggests Fibrosis Red



Denifanstat Improved Markers of Cardiometabolic Health



Findings to

- LDL-cholesterol denifanstat may cardiovascular b
- FGF21 increase: may induce imp insulin sensitivit
- Tripalmitin decre denifanstat inhik and reduced pal synthesis

Denifanstat Passed Planned IDMC Safety Review in FASCINATE Sagimet is blinded to data

- All randomized subjects: blinded data set including active and placebo
- Majority of AEs to date were Grade 1 or 2; no Grade ≥3 drug-related AEs
- A planned safety review of unblinded data from all 168 patients conducted by Independent Data Monitor

 no concerns

| FASCINATE-2 Phase 2b - Blinded data set | | | | |
|--|--|--|--|--|
| Treatment Emergent Adverse Event (TEAE) Classification | N=168 Number of Patients with Event at Stated Grade | | | |
| Any TEAE | Gr 1: 115 (68.5%) Gr 2: 69 (41.1%) Gr 3: 10 (6.0%) Gr 4: 1 (0.6%) | | | |
| TEAE leading to drug/placebo discontinuation | 21 | | | |
| Treatment Emergent Serious Adverse Event (SAE) | 11 (all unrelated to study treatment) | | | |
| Drug/placebo-related TEAE | Gr 1: 52 (30.1%) Gr 2: 25 (14.9%) | | | |

AE data as of 3 April 2023



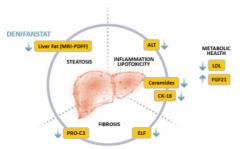
Phase 2b – baseline Fibrosis stage

Phase 2b – 26 weeks Non-invasive interim Phase 2b – 52 weeks Histology Pr Fibrosis en

Interim cohort

F2 - 46.2%

F3 - 53.8%



Enrollment completed Sep 2022 Interim results released Nov 2022 Primary endpoints

- NAS ≥2 improvement w/o worsening of fibrosis; or NASH resolution w/o worsening of fibrosis
- Safety

Secondary endpoints

- Fibrosis ≥1 stage improvement w/o worsening of NASH
- Digital Al pathology

Biopsy results expected 1Q 2024

Expect to 2b result Al patho to design Phase 3

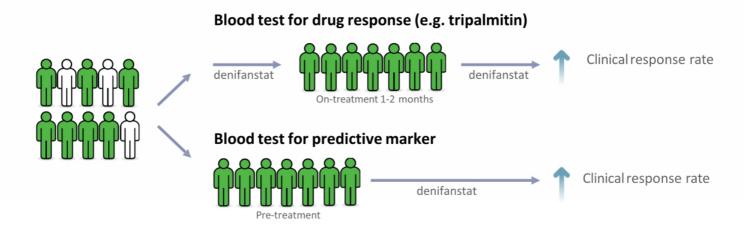
Startup act

We Believe Denifanstat is Differentiated in the Evolving NASH Landsc

| Mechanism | FASN inhibitors | THRß agonists | FGF-21 | GLP-1 agonists | PPAR agonists | ACC inhibitors | |
|------------|--------------------------|--|--|--|---|---|---|
| Category | DNL pathway | Nuclear receptor | Growth factor | GLP-1 | Nuclear receptor | DNL pathway | 1 |
| Route | Oral | Oral | Injectable | Injectable | Oral | Oral | (|
| Status | Phase 2 ongoing | Phase 3 complete | Phase 2 complete | Phase 2 complete | Phase 3 ongoing | Phase 2 complete | (|
| Challenges | • Pending biopsy results | Selectivity for beta isoform critical to avoid potential heart and bone safety issues | Injectable Nausea and diarrhea Potential neutralizing antibodies COGS | GI side effects including nausea Lack of fibrosis improvement to date | Weight gain, edema, GI side effects, anemia | Combinations only MOA causes triglyceride increases Lack of fibrosis improvement as monotherapy | |

Precision Medicine: Blood Tests May Lead to Improved Patient Outco

- NASH is a multi-faceted disease and patients may benefit from being matched with optimal treatment
- Two approaches using blood tests are undergoing further evaluation
 - Drug response: 1-2 months after taking drug, tripalmitin identifies patients responding to drug treatment
 - Predictive marker: before taking drug, signature of 6 blood metabolites enriches for responders¹



¹Signature has 6 metabolites: ursodeoxycholic acid, DL-2-aminocaprylic acid, sarcosine, glycoursodeoxycholic acid, D(-)-2-aminobutyric acid, PC(0-18:0/22:4). Accuracy 79%, PPV 88%, NPV 63%.

Strong Monotherapy Opportunity for Denifanstat in NASH

Expansion as backbone of combinations

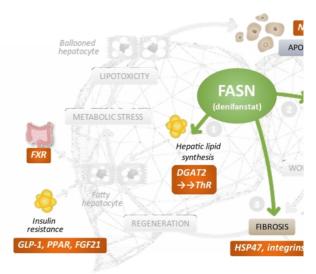
Denifanstat data support success as first line monotherapy

- ✓ Oral, once-daily tablet ideal for chronic administration
 - Tablets generally more affordable than complex biologics
- ✓ Potential to treat broad patient population
 - · Including those with thyroid challenges
- ✓ Novel mechanism that acts directly upon liver
- ✓ Encouraging safety profile to date

Broaden market opportunity through combinations with denifanstat as backbone

- Denifanstat's potential
 - ✓ Complementary to other mechanisms
 - Potential for fixed dose combinations with other oral medications
- Preclinical combination studies ongoing
 - NASH agents: anti-fibrotic, other metabolic agents
 - · Co-morbidities: diabetes and other cardiovascular agents

Illustrative potential combo mecl



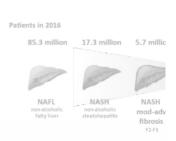
Additional Expansion Opportunities in NASH

Compensated cirrhotic patients (NASH F4)

- · Denifanstat directly targets stellate cells
- Hepatocytes continue to be functional, and patients frequently have increased liver fat
- Next steps
 - Characterize PK profile in patients with impaired hepatic function Phase 1 results in 1Q 24
 - Positive impact on fibrosis in FASCINATE-2
 - Phase 2b/3 trial in NASH-F4

Pediatric NASH

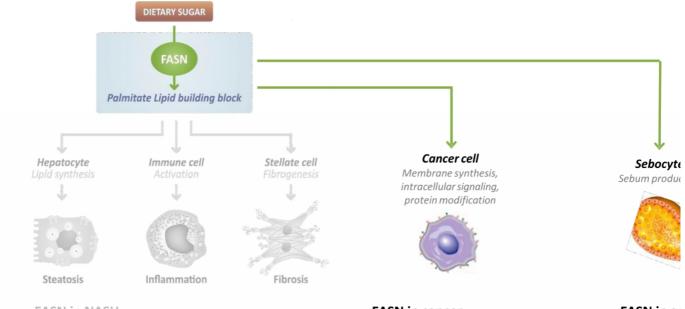
- 23% of children with NAFLD have NASH at the time of diagnosis
- Next steps
 - Compile safety data across all denifanstat studies in young adults including FASCINATE-2
 - Nonclinical toxicology study in juvenile animals plan to initiate in 2024
 - Phase 2 trial in pediatric NASH







FASN Hyper-Activity Plays a Key Role in Multiple Diseases Beyond NA



FASN in NASH

- 1. Drives steatosis
- 2. Activates pro-inflammatory cells
- 3. Activates stellate cells leading to fibrosis

FASN in cancer

- 1. Supports tumor survival
- 2. Enables tumor proliferation
- 3. Establishes resistance to drugs

FASN in ac

- 1. Sebum
- Sebum

DNL Pathway Plays a Role in the Pathogenesis of Acne

- Acne is associated with excess sebum production by sebocyte cells in the skin
- Acne resolution is associated with reduced sebum production
- Sebocytes upregulate and rely on DNL/FASN to make sebum
 - >80% of key sebum lipids such as palmitate and sapienic acid produced by DNL/FASN
- => FASN inhibition has potential therapeutic application

Phase 1 – sebum analysis by Sagimet

- Denifanstat inhibited lipogenesis in skin
- Dose-dependent
- Proof of mechanism

Phase 2 – acne by Ascletis in China

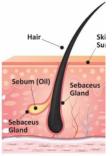


- 12-week trial in moderate to severe acne
- 179 pts randomized to 25/50/75 mg denifanstat and placebo
- Endpoints: % change from baseline in lesion count and/or IGA score decreased by ≥ 2

Positive topline results announced May 2023

- Met primary and secondary endpoints
- Well-tolerated
- Sagimet evaluating clinical development plans for U.S./EU and other major markets





Skin Without Acne

Esler et al., Sci. Transl. Med.11, eaau8465 (2019). Figure adapted from kidshealth.org

FASN is Integral to Tumor Cell Proliferation and Survival

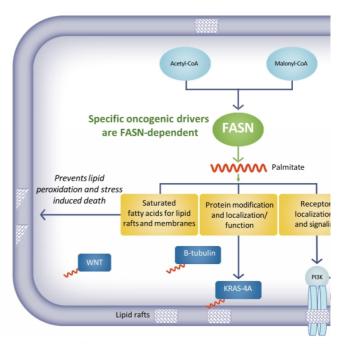
Reprogramed metabolism is one of the hallmarks of cancer

FASN-dependence

- Certain cancers are dependent on DNL/FASN for proliferation especially downstream of driver oncogenes
 - eg. KRASM in non-small cell lung cancer (NSCLC)
- Strategy -> exploit this vulnerability using FASN inhibition in the combination setting to cause death

Completed Phase 1 provides foundation

- 136 patients received denifanstat
- · Heavily pretreated Phase 1 population
- Recommended Phase 2 dose defined
- Promising clinical activity consistent with proposed mechanism
 - KRASM NSCLC patients had significantly longer duration on study with denifanstat than KRASWT (p<0.02), and 91% KRASM had stable disease

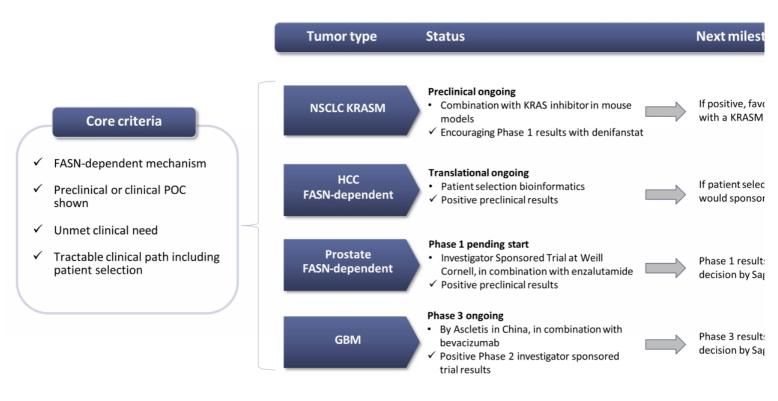


Dietary fatty acids cannot compensa de novo synthesized palmitate

FASN-Dependent Tumor Types Identified that Meet Core Crite

Program focused on 4 selected tumor types

28



GBM (glioblastoma), HCC (hepatocellular carcinoma), KRASM (mutant KRAS), NSCLC (non small cell lung cancer)

Strong Financial Position and Intellectual Property Portfolio

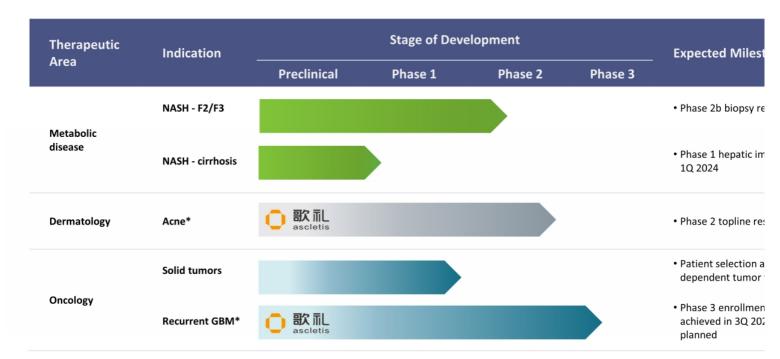
Financial highlights Nasdaq: SGMT

- ✓ Upsized IPO completed in July 2023 raised \$96.4 million of gross proceeds
- ✓ Cash and equivalents expected to fund current operations into the first quarter of 2025

Strong patent estate

- ✓ Composition of matter for denifanstat: 2032
- ✓ Issued in all key commercial territories
- ✓ Opportunities to lengthen exclusivity via Hatch-Waxman and synthesis/formulation applications

Denifanstat Pipeline of Multiple Indications and Clinical Miles



^{*} Trials conducted in China by Ascletis, who has licensed development and commercialization rights to all indications in Greater China