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): February 10, 2021

CM LIFE SCIENCES, INC. (Exact name of registrant as specified in its charter) 001-39482 85-1966622 Delaware (State or other jurisdiction (Commission (IRS Employer of incorporation) File Number) Identification No.) c/o Corvex Management LP 667 Madison Avenue New York, New York (Address of principal executive offices, including zip code) Registrant's telephone number, including area code: (212) 474-6745 Not Applicable (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) $\sqrt{}$ 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)) 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 February 10, 2021, CM Life Sciences, Inc. (the "Company") issued a press release announcing that it has executed an Agreement and Plan of Merger (the "Merger Agreement"), by and among the Company, Mount Sinai Genomics, Inc., a Delaware corporation, d/b/a Sema4 ("Sema4") and S-IV Sub, Inc., a Delaware corporation and a direct, wholly-owned subsidiary of the Company ("Merger Sub") (the transactions contemplated by the Merger Agreement, the "Business Combination"). A copy of the press release is furnished hereto as Exhibit 99.1.

Furnished as Exhibit 99.2 hereto is an investor presentation, dated February 9, 2021, that will be used by the Company on a pre-recorded investor presentation regarding the Business Combination.

The information in this Item 7.01 and Exhibits 99.1 and 99.2 attached hereto 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 liabilities under that section, and shall not be deemed to be incorporated by reference into the filings of the Company under the Securities Act of 1933, as amended (the "Securities Act") or the Exchange Act, regardless of any general incorporation language in such filings.

Cautionary Statement Regarding Forward Looking Statements

This Current Report on Form 8-K contains certain forward-looking statements within the meaning of the federal securities laws with respect to the proposed transaction between Sema4 and the Company, including statements regarding the anticipated benefits of the transaction, the anticipated timing of the transaction, expansion plans, projected future results and market opportunities of Sema4. These forward-looking statements generally are identified by the words "believe," "project," "expect," "estimate," "intend," "strategy," "future," "opportunity," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," and similar expressions. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to: (i) the risk that the transaction may not be completed in a timely manner or at all, which may adversely affect the price of the Company's securities, (ii) the risk that the transaction may not be completed by the Company's business combination deadline and the potential failure to obtain an extension of the business combination deadline if sought by the Company, (iii) the failure to satisfy the conditions to the consummation of the transaction, including the adoption of the merger agreement by the shareholders of the Company, the satisfaction of the minimum trust account amount following redemptions by the Company's public shareholders and the receipt of certain governmental and regulatory approvals, (iv) the lack of a third-party valuation in determining whether or not to pursue the transaction, (v) the inability to complete the PIPE investment in connection with the transaction, (vi) the occurrence of any event, change or other circumstance that could give rise to the termination of the merger agreement, (vii) the effect of the announcement or pendency of the transaction on Sema4's business relationships, operating results and business generally, (viii) risks that the proposed transaction disrupts current plans and operations of Sema4 and potential difficulties in Sema4 employee retention as a result of the transaction, (ix) the outcome of any legal proceedings that may be instituted against Sema4 or against the Company related to the merger agreement or the transaction, (x) the ability to maintain the listing of the Company's securities on a national securities exchange, (xi) the price of the Company's securities may be volatile due to a variety of factors, including changes in the competitive and highly regulated industries in which the Company plans to operate or Sema4 operates, variations in operating performance across competitors, changes in laws and regulations affecting the Company's or Sema4's business and changes in the combined capital structure, (xii) the ability to implement business plans, forecasts, and other expectations after the completion of the proposed transaction, and identify and realize additional opportunities, (xiii) the risk of downturns and a changing regulatory landscape in the highly competitive healthcare industry and (xiv) the size and growth of the market in which Sema4 operates. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors and the other risks and uncertainties described in the "Risk Factors" section of the Company's registration on Form S-1 (File No. 333-246251), the proxy statement discussed above and other documents filed by the Company from time to time with the U.S. Securities and Exchange Commission (the "SEC"). These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Sema4 and the Company assume no obligation and do not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. Neither Sema4 nor the Company gives any assurance that either Sema4 or the Company or the combined company will achieve its expectations.

Additional Information and Where to Find It / Non-Solicitation

In connection with the proposed transaction, the Company intends to file a proxy statement with the SEC. The proxy statement will be sent to the stockholders of the Company. The Company and Sema4 also will file other documents regarding the proposed transaction with the SEC. Before making any voting decision, investors and security holders of the Company are urged to read the proxy statement and all other relevant documents filed or that will be filed with the SEC in connection with the proposed transaction as they become available because they will contain important information about the proposed transaction. Investors and security holders will be able to obtain free copies of the proxy statement and all other relevant documents filed or that will be filed with the SEC by the Company and Sema4 through the website maintained by the SEC at www.sec.gov.

The documents filed by the Company with the SEC also may be obtained free of charge at the Company's website at https://cmlifesciencesspac.com/ or upon written request to the Company, c/o Corvex Management, 667 Madison Ave, New York, NY 10065

Participants in Solicitation

The Company and Sema4 and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from the Company's shareholders in connection with the proposed transaction. Information about the Company's directors and executive officers and their ownership of the Company's securities is set forth in the Company's filings with the SEC. To the extent that holdings of the Company's securities have changed since the amounts printed in the Company's Registration Statement on Form S-1, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC. A list of the names of such directors and executive officers and information regarding their interests in the business combination will be contained in the proxy statement/prospectus when available. You may obtain free copies of these documents as described in the preceding paragraph.

No Offer or Solicitation

These communications do not constitute an offer to sell or the solicitation of an offer to buy any securities, or a solicitation of any vote or approval, nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offering of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act, or an exemption therefrom.

Item 9.01 Financial Statements and Exhibits.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release issued by the Company on February 10, 2021
99.2	Investor Presentation of the Company on February 9, 2021

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.

CM LIFE SCIENCES, INC.

By: /s/ Eli Casdin

Name: Eli Casdin

Title: Chief Executive Officer

Dated: February 10, 2021

sema4 cm life sciences

Sema4, a Disruptive AI-driven Genomic & Clinical Data Platform Company, to Combine with CM Life Sciences to Accelerate Growth

- Transaction combines Sema4's leading AI- and machine learning-powered integrated genomic and clinical open-architecture data platform, with CM Life Sciences, the leading life science- focused SPAC, led by institutional investors Casdin Capital and Corvex Management.
- Combination is expected to provide up to \$793 million in cash proceeds to shareholders and Sema4, accelerating organic and inorganic growth and fueling the
 company's mission to transform health outcomes and decision making.
- Financing includes a fully committed PIPE of \$350 million from leading growth and life science investors including Casdin Capital, Corvex Management, Fidelity Management & Research Company LLC, Counterpoint Global (Morgan Stanley), Perceptive Advisors, SB Management, a subsidiary of SoftBank Group Corp, funds and accounts advised by T. Rowe Price Associates Inc and Viking Global Investors, and existing investors including fund and accounts managed by Blackrock and Deerfield Management.
- Sema4 board at closing to include Nat Turner Co-Founder of Flatiron Health (a Roche Company), Emily Leproust CEO of Twist Biosciences (NASDAQ: TWST) and Eli Casdin, CIO of Casdin Capital.

NEW YORK, NY & STAMFORD, CT — February 10, 2021 — Sema4, an AI- and machine learning- driven patient-centered genomic and clinical data intelligence company, and CM Life Sciences (Nasdaq: CMLF), a special purpose acquisition company, or SPAC, sponsored by affiliates of Casdin Capital, LLC and Corvex Management LP, today announced they have entered into a definitive business combination agreement. Upon closing of the transaction, CM Life Sciences will be renamed and its common stock will be listed on the Nasdaq Global Market under a name and a ticker symbol to be announced at a later date.

"This transaction is a significant milestone for Sema4," said Eric Schadt, Ph.D., Founder and CEO of Sema4. "The additional resources will allow us to greatly accelerate our business plans organically and inorganically, developing and bringing in more cutting-edge precision model solutions across multiple disease areas. This is the most exciting time in the history of our industry and I look forward to working closely with Eli, Keith, and their teams, to deliver on the massive potential to transform clinical and life sciences through better leveraging of data."

Sema4 Overview

Sema4 is a purpose built and rapidly growing, patient-centered genomic and clinical data insight platform company. Leveraging world leading data scientists using artificial intelligence and machine learning, the company is powering remarkable and unique insights that transform the practice of medicine and how disease is diagnosed, treated, and prevented.

Sema4 today has established the largest, most comprehensive, and fastest growing integrated genomic & clinical data platform. Sema4 has established its platform in partnership with patients, healthcare providers and a far-reaching ecosystem of life science industry contributors.

Sema4's database includes more than 10 million patient genomic profiles and de-identified clinical records, integrated and delivered in a way that enables physicians to proactively diagnose and manage disease. The virtuous cycle of data helps improve decision making but also accelerates the development of next generation diagnostic tools and therapeutics.

"We exist in a remarkable period of time as the life sciences and broad healthcare industries undergo a technology-driven data revolution," said Eli Casdin, founder and CIO of Casdin Capital. "The disruptive promise in combining these genomic and clinical data sets, at the patient level, is profound but takes a team of experts, the right business model, and lots of growth capital. We therefore could not be more excited to lend our partnership and fill the balance sheet for the foremost leader in the field, Eric Schadt and the expert team he's assembled at Sema4. With an early start, unique business strategy and more than 150 leading data scientists, this is the premier company in one of the biggest, winner-take-most markets in life sciences."

In addition to the approximately \$443 million of cash held in CM Life Sciences' trust account, a group of leading institutional investors has committed to participate in the transaction through a common stock PIPE of \$350 million including funds advised by Casdin Capital and Corvex Management, new investors Fidelity Management & Research Company LLC, Counterpoint Global (Morgan Stanley), Perceptive Advisors, SB Management, a subsidiary of SoftBank Group Corp, funds and accounts advised by T. Rowe Price Associates Inc and Viking Global Investors, and existing investors including funds and accounts managed by Blackrock and Deerfield Management, among other top-tier healthcare investors.

The combined company is expected to receive proceeds of up to approximately \$793 million at the closing of the transaction, up to \$343 million of which will be paid to Sema4 stockholders and the remainder of which will be utilized by Sema4 in its business and will continue to operate under the Sema4 management team, led by Eric Schadt, Ph.D., Founder and CEO. The transaction, which values Sema4 at an enterprise value of approximately \$2 billion, is expected to close during the second quarter of 2021, and will provide Sema4 with significant additional capital to further build and scale upon its dedication to advancing healthcare through data-driven insights.

Proceeds will be used to both fuel organic operating needs and to drive other targeted growth opportunities, helping the company deliver its solutions to a larger number of healthcare providers and patients and to improve clinical outcomes across a higher volume of diseases.

"Eric has built a truly unique business at Sema4 with a combination of scale, growth and innovation that we rarely see. Revenues are projected to grow from \$200 million to \$500 million and gross margins to double from today to 2023, while Sema4 leverages its existing platform in women's health and oncology to quickly grow into high margin relationships and partnerships across health systems and biopharma partners," said Keith Meister, Chairman of the Board CM Life Sciences. "This transaction affords investors the unique opportunity to benefit from Sema4's rapid growth, business transformation and the multiple expansion opportunities that we believe this growth will drive."

Transaction Overview

On February 9, 2021, CM Life Sciences entered into a definitive agreement to combine with Sema4. The transaction is expected to deliver up to \$793 million of gross proceeds, including the contribution of up to \$443 million of cash held in CM Life Sciences' trust account from its initial public offering in September 2020 (assuming no redemptions from the trust account) and \$350 million from committed equity PIPE funding from a group of institutional and life sciences investors. In the transaction, Sema4 shareholders will receive common stock of CM Life Sciences and, at their election, up to \$343 million in cash in exchange for shares of Sema4. Upon completion of the transaction, Sema4 expects to have up to \$500 million in cash available from the transaction (\$450 million from the transaction plus existing cash on its balance sheet at closing) to fund operations and support new and existing business initiatives.

The transaction has been unanimously approved by each of CM Life Sciences' and Sema4's Board of Directors and substantially all of the shareholders of Sema4. The transaction is subject to the approval of the CM Life Sciences shareholders and other customary conditions, and is expected to close in the second quarter.

Additional information about the proposed transaction, including a copy of the Merger Agreement and an investor presentation, will be provided in a Current Report on Form 8-K to be filed today with the Securities and Exchange Commission ("SEC") and available at www.sec.gov.

Advisors

Jefferies LLC is acting as sole financial advisor, lead capital markets advisor, and sole placement agent, with Cowen and Company, LLC also acting as a capital markets advisor, and White & Case LLP is serving as legal advisor to CM Life Sciences. Goldman Sachs & Co. LLC and J.P. Morgan Securities LLC are serving as financial advisors, and Fenwick & West LLP is serving as legal advisor to Sema4.

Webcast Details

A webcast of the conference call and associated presentation materials is available on Deal Roadshow:

Deal Roadshow Investor Login Details URL: https://dealroadshow.com

Entry Code: CM226

Direct Link: https://dealroadshow.com/e/CM226

About CM Life Sciences

CM Life Sciences was founded to take advantage of a dynamic life science sector buoyed by innovation yet fragmented, where many companies are under-resourced and under-scaled. Significant and under-appreciated opportunities for consolidation are ready for engagement by a team versed in the trends and themes, and who can bring together the strongest of the new companies and management teams to capitalize on near- and far-term opportunities. For more information, please visit: https://cmlifesciencesspac.com/

About Sema4

Sema4 is an AI-driven patient-centered genomic and clinical data insight platform company founded on the idea that more information, deeper analysis, and increased engagement will improve the diagnosis, treatment, and prevention of disease. Sema4 is dedicated to transforming healthcare by building dynamic models of human health and defining optimal, individualized health trajectories, starting in the areas of reproductive health and oncology. CentrellisTM, our innovative health intelligence platform, is enabling us to generate a more complete understanding of disease and wellness and to provide science-driven solutions to the most pressing medical needs. Sema4 believes that patients should be treated as partners, and that data should be shared for the benefit of all.

For more information, please visit sema4.com and connect with Sema4 on Twitter, LinkedIn, Facebook and YouTube.

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No Offer or Solicitation

These communications do not constitute an offer to sell or the solicitation of an offer to buy any securities, or a solicitation of any vote or approval, nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offering of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act, or an exemption therefrom.

CM Life Sciences Media Contact:

Alexandria Fisk afisk@casdincapital.com

Sema4 Media Contact:

Radley Moss radley.moss@sema4.com



Disclaimer

This confidential presentation (the "presentation") is being delivered to you by CM Life Sciences, Inc. ("CMLS") and Mount Sinai Genomics. Inc. drb/a Sema4 ("Sema4") for use by Sema4 and CMLS in connection with their proposed business combination and the offering of the securities of CMLS in a private placement (the "Transaction"). Any reproduction or distribution of this presentation, in whole or in part, or the disclosure of its contents, without the prior consent of CMLS or Sema4 is prohibited. By accepting this presentation, each reciping in a distribution of the presentation of the presentation of the confidentiality of all information that is contained in this presentation and not already in the public domain; and (ii) to return or destruction of such copies.

No Representations and Warranties

This presentation is for informational purposes only and does not purport to contain all of the information that may be required to evaluate a possible investment decision with respect to CMLS. The recipient agrees and acknowledges that this presentation is not intender form the basis of any investment decision by the recipient and does not constitute investment. Lax or legal advices. No representation or warranty, express or implied, is or will be given by CMLS or Sema, or any of their respective affiliates, directions, offices, employees or advises or any other person as to the accuracy or completeness of the information in this presentation or any other written, oral or otherwise made available to any party in the course of its evaluation of a possible transaction between CMLS and Sema, and no responsibility of iability whatcheseer is accepted for the accuracy or sufficiency thereof or for any errors, omissions or missions or

Forward-Looking Statements

Forward-Looking Statements' within the meaning of the 'safe harbor' provisions of the Private Securities Litigation Reform Act of 1996. CMLS's and Semas's actual results may differ from their expectations, estimates and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Works such as 'expect' estimate' 'project' 'budget', forecast', 'anticipate', 'intend', 'plan', 'may', 'will', 'could', 'should', 'should

Industry and Market Data

In this presentation. CMLs and Sema4 rely on and refer to publicly available information and statistics regarding market participants in the sectors in which Sema4 competes and other industry data. Any comparison of Sema4 to the industry or to any of its competitors is based on this publicly available information and statistics and such comparisons assume the reliability of the information available to Sema4. Sema4 obtained this information and statistics from third-party sources, including reports by market research firms and company filings. While Sema4 believes such third-party information is reliable, there can be no assurance as to the accuracy or completeness of the indicated information. Neither Sema4 nor CMLS has independently verified the information prarty sources.

This presentation may contain trademarks, service marks, trade names and copyrights of other companies, which are the property of their respective owners. Solely for convenience, some of the trademarks, service marks, trade names and copyrights referred to in this presentation may be listed without the TM, SM © or ® symbols, but CMLS and Sema4 will assert, to the fullest extent under applicable law, the rights of the applicable owners, if any, to these trademarks, service marks, trade names and copyrights.

Private Placement

The securities to which this presentation relates have not been registered under the Securities Act of 1933, as amended (the "Securities Act"), or the securities laws of any other jurisdiction. CMLS is offering securities to which this presentation relates in relates on exemptions from the registration requirements of the Securities Act and other applicable laws. These exemptions apply to offers and sales of securities that do not involve a public offering. The securities have not been approved or recommended by any federal, state or foreign securities authorities, on have any of these authorities passed upon the ments of this offering or determined that this presentation is accurate or complete. Any representation to the contrary is a criminal offering process.

The financial information contained in this presentation has been taken from or prepared based on the historical financial statements of Sema4 for the periods presented. An audit of these financial statements is in process. Accordingly, such financial information and data may not be included in, may be adjusted in or may be presented differently in any proxy statement to be filed with the SEC by CMLS in connection with the Transaction. We have not yet completed our closing procedures for the three months ended December 31, 2020. This information is preliminary and subject to change. As such, our actual results may differ from the estimated preliminary results presented here and will not be finalized until we complete of our year-end accounting procedures.

Use of Projections

This presentation also contains certain financial forecasts, including projected revenue. Neither CMLS's nor Sema4's independent auditors have studied, reviewed, compiled or performed any procedures with respect to the projections for the purpose of their inclusion in this presentation, and accordingly, neither of them expressed an opinion or provided any other form of assurance with respect thereto for the purpose of this presentation. These projections are for illustrative purposes only and should not be relied upon as being necessarily inclicative of thur results in this presentation, certain of the above-mentioned projected information has been provided for purposes of providing comparisons with historical data. The assumptions and estimates underlying the prospective financial information are inherently uncertain and are subject to a wide variety of significant business, economic and competitive risks and uncertainties that could cause actual results to differ materially from those contained in the prospective financial information. Projections are inherently uncertain due to a number of factors outside of CMLSs or Semang's control.

Accordingly, there can be no assurance that the prospective results are indicative of future performance of the combined company after the Transaction or that actual results will not differ materially from those presented in the prospective financial information in this presentation in the presentation

Disclaimer (continued)

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Overview of CM Life Sciences

Unique combination of Eli Casdin's investment platform and Keith Meister's capital markets and board expertise

Casdin Capital's Deep Sector Expertise

- Founded in 2012, Casdin Capital has a proven track-record as investor-partners identifying and appreciating category-defining platforms including Illumina, Adaptive, Foundation Medicine, Flatiron Health, Invitae, Clover Health, and Gingko Bioworks
- On-the-ground research, close relationships with scientists and management teams and an investment focus on the long-term have supported and fueled a variety of successful financial transactions, strategic partnerships, and establishment of co-investment / accelerator models in synthetic biology and bioproduction
- Their industry connections now include hundreds of critical business builders, specialists, and innovators, which allow CM Life Sciences to push forward into new opportunities while also capturing value overlooked, or left behind

Keith Meister's Corporate Engagement

- Mr. Meister has served as a director of 14 public companies and helped those companies structure and execute over \$80B in transactions including spin-offs, asset sales, mergers, acquisitions and various forms of capital market transactions
- Has served as founder and CIO of Corvex Management, a leading fundamental-based public market investment firm since March 2011. Previously he served as CEO of Icahn Enterprises

CM Life Sciences Capital Alignment

- CM Life Science was founded to take advantage of a dynamic life science sector buoyed by innovation yet fragmented, where many companies are under-resourced and under-scaled
- Will provide the expertise, influence, and capital to help management and the company accelerate the execution of their vision ahead of competitors

CASDIN CM Life Sciences LONG TERM CAPITAL SECULAR GROWTH

CM Life Sciences Board of Industry Leaders



Sean George, PhD Co-founder and CEO of Invitae



Munib Islam
Former Co-Chief
investment officer and
Partner at Third Point



Nat Turner Co-founder and CEO of Flatiron Health



Emily Leproust, PhDCo-founder and CEO of
Twist Bioscience

Our Vision

To be the world leader at generating, collecting and analyzing **longitudinal patient health data** in partnership with **patients and providers** to deliver comprehensive solutions to help **treat patients** and **enable next generation drug development**



Sema4 at a Glance **History**

Core components of Sema4 began within Mt. Sinai in

2012; spun out in June 2017. Sema4 team raised Icahn School of Medicine at Mt. Sinai's ranking from 31st to 3rd in the country for medical research in Genetics and drove integration of genomics into clinical care.

Focus

Al-driven decision making as standard of care, ushering in holistic precision medicine solutions at scale that adapt at the rate of learning

Scale

- ~1000 employees (>150 at MD / PhD Level)

- 20,000 new direct connections with patients per month

People



- Professor in Predictive Health and Computational Biology at the Icahn School of Medicine at Mount Sinai in NY
- School of Medicine at Mount Shallin NY
 Previously chief scientist at Rosetta Inpharmatics; Head of Genomics, Computational Biology, Systems Biology for Merck; Founding Director Sage Bionetworks; CSO Pacific Biosciences
 ~450 peer-reviewed papers in leading scientific journals
 h-index = 127 (top 0.01% of published scientists in the world)

Revenue, Patients, Data

2020 Revenue | '20-'23E CAGR

\$190MM+ | 38%

Total Patients | w/Longitudinal | w/clinic-genomic Clinical Data data

~10M

~5M

| ~300K

Centrellis Platform Overview

- Integrates proprietary data feeds including genomic insights, patient records, and public databases to create a highly differentiated information platform
- Enables the development of extensive disease mapping, individualized health course trajectories, and actionable treatment protocols for the healthcare ecosystem
- Incorporates digital tools to enable deep engagement with patients and providers across conditions and time

Investors & Advisors

SECTION 32

Blackstone

OAK HC/FT

BlackRock DEERFIELD (※) 德诚资本 DECHENG CAPITAL



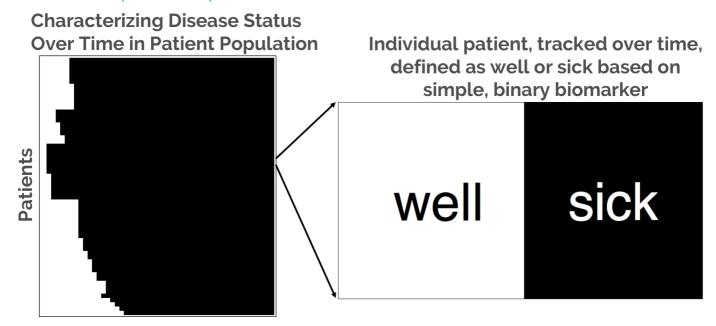




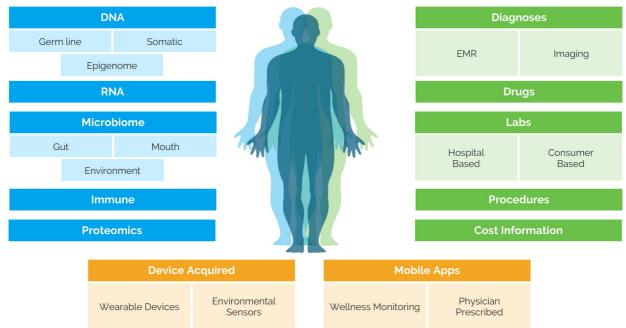
MOORE CAPITAL MANAGEMENT, LP



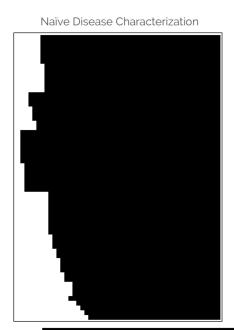
Healthcare decisions are binary, ignoring that every individual is unique and therefore requires unique healthcare recommendations

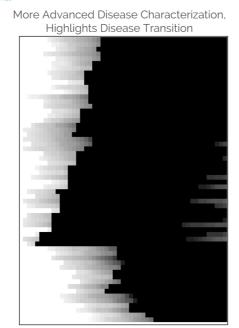


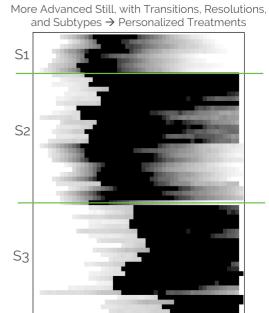
Increasingly Vast Amounts of Healthcare Data Within and Outside of Health Systems Are Available to Be Harnessed



Ushering in a new era of information-driven decision making to better guide individualized healthcare...







Increasing Scales of Data and Advanced Predictive Modeling

From the digital universe of data to actionable insights: Augmented intelligence to enable physicians and patients to make more informed decisions



\$ Imperfect decision making from insurers, regulators & physicians

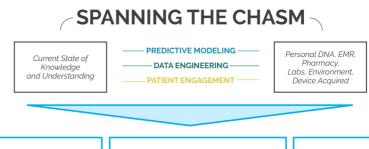
\$ Patients not maximally benefitting from the latest science

\$ Costs related to medical errors and healthcare related infection

A Huse excenditure by pharma companies to bring new.

nical trial targeting and

- Problem: Vast amount of data is available, but not leveraged to understand disease and wellness. Our knowledge and understanding of disease/wellness is growing exponentially, but the interpretation of patient data does not yet benefit from this rapid growth of knowledge
- Solution: Advanced data engineering and data sciences approaches to span this divide:



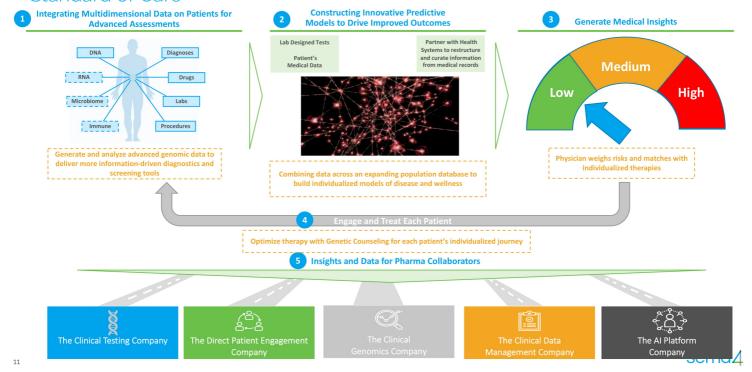
Bioinformatics algorithms have provided extensive maps of diseases

Individualized health course trajectories are now determinable

Actionable treatment implications for the healthcare ecosystem

-

Next Generation Information and Genomic Platform to Transform the Standard of Care



Centrellis Yields Insights That Improve Care and Drug Discovery



Machine learning-based models for enhanced genomic risk prediction from our Traversa platform

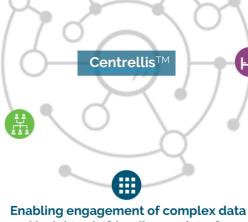
e.g. Polygenic risk scoring

Integrating clinical, somatic DNA, germline DNA, transcriptomic data in cancer patients for precision oncology

e.g. advanced modeling for treatment response prediction/matching

Deriving population-health insights from genomic data to differentiate our industry-leading tests

e.g. Integrating genome-derived ancestry information for more accurate residual risk calculations



Reconstructing longitudinal patient journeys to transform standard of care insights e.g. More accurate prediction of pregnancy complications

and insights via friendly user interfaces for physicians and patients e.g. Pregnancy journey app

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Unique and Actionable Insights Transform the Patient Treatment Paradigm Sample Tracking, Discrete Result **Generation**, and Ingestion Long-Term **Monitoring** Ongoing Patient **Interactive Results Personalized** including genetic markers, **Trial Matching** Management therapies, and trials 6 Monitor Treatment Plan

In partnership with Health Systems, Sema4 generates clinical and patient-level insights that can be applied to enhance care and engagement at all stages of a patient's journey

Plan details sent

to patient

Patient Reported

Personalized therapy Integrated Database

options, track patient

journeys & build cohorts

Compliance &

Toxicities

Illiania.

Mobile Patient

Applications

EMR Integration

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Through Our Platform We Develop Long-Term Relationships with Patients and Providers



INFORMATION-RICH GENOMIC SOLUTIONS

WOMEN'S HEALTH SOLUTIONS —

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Expanded Carrier Screening

Noninvasive Prenatal Screening

Patient Pregnancy Journey

- Women's Health delivering 206k+ tests / \$200mm+ revenue on current run-rate (growing 28% YoY)
- · Broad portfolio enables data continuity across the patient journey
- Expanding size of Expanded Carrier Screen (ECS) panel and adding residual risk scoring

ONCOLOGY SOLUTIONS

- Launched initial tests mid-2019 with positive market reception (growing 240% YoY)
- Launched hereditary cancer on Traversa platform in April 2020
- · Launched whole exome transcriptome in June 2020; only NY-state approved lab

POPULATION HEALTH

Traversa

- Leveraging Traversa to offer screening across cancer, cardiovascular disease and drug safety through primary care providers
- Follow-on testing and secondary insights for qualified patients through reimbursed
- Ability to pursue follow-on **reimbursed clinical testing**



- COVID PCR and antibody testing
- Testing is supported by digital patient experience, employer service dashboard and provider portal

CAPABILITIES AUGMENTED BY...



In-house genetic counselling services



Advanced analytics and Al



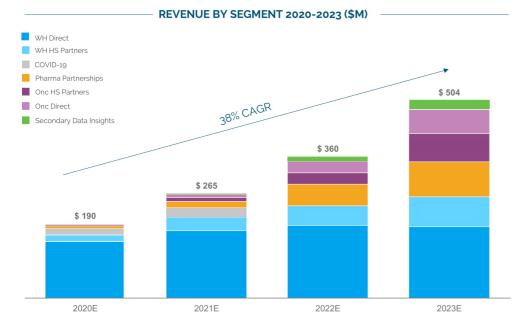
Integration with clinical workflows



Health system portal

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Our Evolution Towards Oncology, Information, and Partnership Monetization







HIGHLIGHTS

Sema4 is making significant investments in R&D to further develop existing offerings in addition to creating the Traversa platform.

- Pharma strategic partnerships revenue driven by large size partnerships, comprising of ~18% of revenues in 2023
- Growing Oncology franchise; reflects ~3% of expected revenues in 2020 and ~27% in 2023
- Women's Health reflects Sema4's financial base and continued strength in genomic testing solutions
- Emerging secondary data insights revenue starting in 2021

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Revenue Mix Evolution is Driving Meaningful Gross Margin Expansion



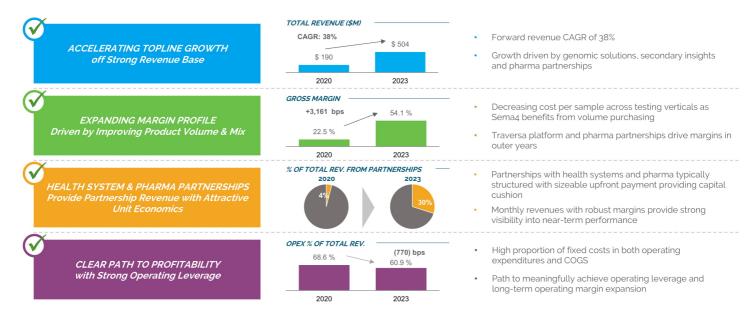
Note: Direct Testing includes WH Direct, Onc Direct, and COVID-19 testing revenue. Partnerships includes WH HS Partners, Pharma Partnerships, and Onc HS Partners revenue. Repeat Insights includes Secondary Data Insights reven

Competitor Benchmarking



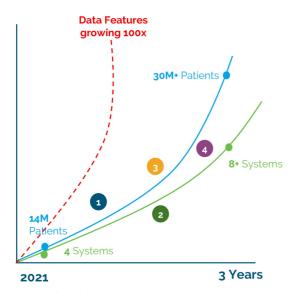
17 Source: Wall street research and Cap IQ Estimates as of 02/05/2021.
(1) Represents 2021E to 2022E revenue growth.

Our Ongoing Transformation Will Drive Best-in-Class Financial Performance



Accelerating Health System Partnerships Will Underpin Our Growth: Revenue, Patients, Data





Access to Patient Data Features

Data access compounds via health system partners where access is provided through third-party agreements, as well as directly from tested patients who consent to provide Sema4 with access to their records (at a rate of ~85%).

PLAN FOR EXPANSION



Recruit and build health system partnerships



Integrating into care and measuring impact



Investments to scale population-based genomic testing

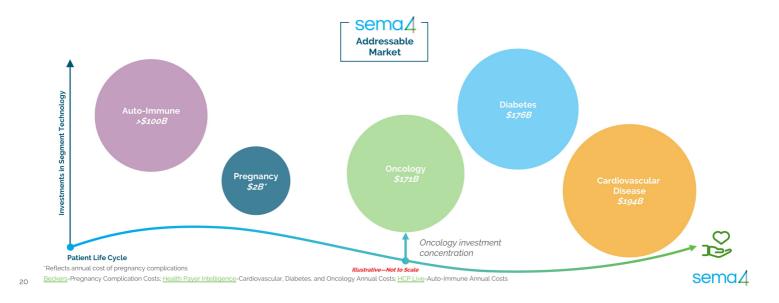


Data science capabilities

- Sign up incremental systems
 leveraging value of state of the art
 genomic testing solutions at no cost,
 increasing access to patient data
- Directly measuring and demonstrating clinical utility of direct impacts to health systems
- Combining data across expanding population databases enable holistic models of disease and wellness, including precision oncology
- Utilizing data scientists, network modelling, and clinical trials to support health trajectory outcomes

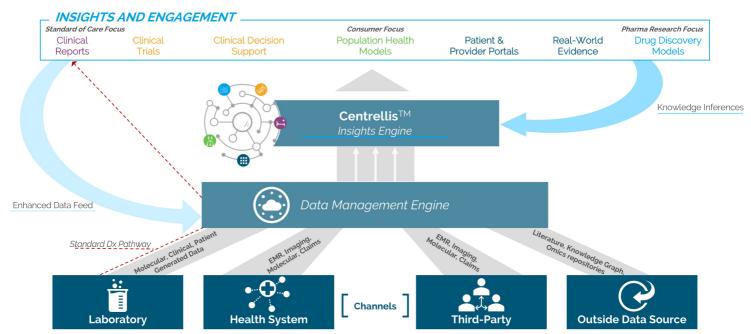
Centrellis platform has utility across the spectrum of disease & wellness to transform standard of care

Sema4 is filling a white space to *unify the engagement with stakeholders* across the healthcare ecosystem and reflects a novel approach where *significant investment* has yet to be seen.



Sema4 Differentiation





Four Foundational Pillars Will Enable Us to Achieve Our Vision

We are building a unique data ecosystem and platform containing deep data from increasing numbers of consenting patients (currently millions) engaged by our platform or partnered health systems



STATE-OF-THE-ART GENOMIC INFASTRUCTURE

- Information-rich women's health, oncology, and population health solutions
- Analyzes and interprets extensive information on diseases, mutations, and frequency across population



ACCESS & ENGAGEMENT

- Direct holistic patient engagement on an ongoing basis gives industry leading consented access
- Patient engagement across the care continuum driven by standard of care genomic testing solutions



DEEP & STRUCTURED DATA

- Longitudinal clinical, molecular, and genetic patient information
- Originates from patients with long-term relationships and are re-contactable



UNIQUE INSIGHTS

- Actionable and personalized insights for patients, health system providers, payors, and pharma that inform decisions
- Using advanced predictive models developed on deep, structured data across continuum of care

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Case Study: Traversa Platform

A COMPREHENSIVE EXOME/WHOLE GENOME FRAMEWORK TO ADAPT AT THE RATE OF LEARNING



Pharmacogenomics



















screening

Hereditary cancer



Initial Order

- Provider-initiated order across all Sema4 germline genomic
- All patients run on our Traversa chassis for this initial order

Generate Data 1X

- Sequence once to generate medical exome (~6,000 genes) of data
- Run low pass genome for all
- CLIA-certified lab with latest technology for NGS and beyond

- Automated software query of generated data
- Scans latest research & scientific findings for most up to date knowledge
- Generate a clinical report for requested genes of first ordered test
- Engage patient via counselling process

Drive Health By Re-querying Data

- Subsequent orders for insights into additional sets of genes
- Partner with Patients, Providers, Systems to unlock
- Includes hereditary cancer, polygenic risk scores, etc.
- Subsequent test turnaround times for providers in hours/days instead of weeks

- Resulting medical exome with longitudinal clinical annotation
- Easily queried and accessed
- Considerable value to collaborators & pharma industry

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Insights Leveraged to Improve Risk Assessment & Patient Care





Sema4 Proprietary Test Offerings

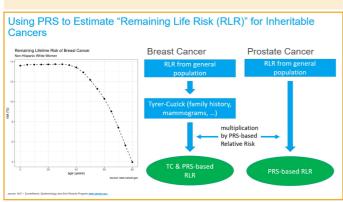
Centrellis AI

Expanded Carrier Screen Hereditary Cancer Testing

Cancer Whole Exome

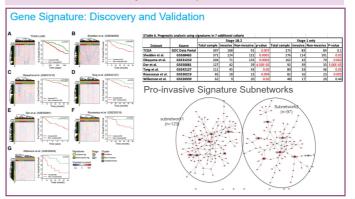
Combines public and proprietary data across an expanding population to build individualized models of disease and wellness





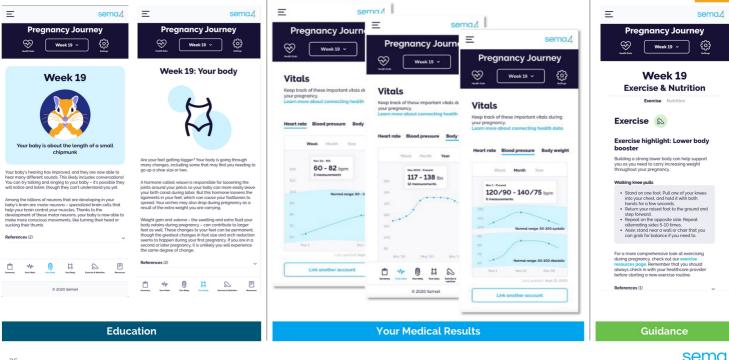
Better Informing on Treatment

- Rapid Development of Effective and Safe Targeted Therapies
- Predictive Health Course Trajectories for Improved Patient Care



Case Study: Connecting With Patients Across the Pregnancy Journey





Our Value Proposition to Health Systems & Payors



OUR SOLUTIONS

- State of the art information-rich genomic platform to enable:
 - ✓ Cancer profiling
 - ✓ Population health screening
 - ✓ Women's health
 - ✓ Drug safety
- Based on the integration of 2 proprietary platforms: genomics and informatics
- Provide patient-level insights to elevate standard of care and demonstrate clinical utility
- Work with payors to secure and scale coverage
- Drives new revenue through patient growth and participation in research and biopharma collaborations

OUR HEALTH SYSTEM DNA



Sema4 originated in an elite academic medical system,
Mount Sinai, where a deep understanding of the
science, physician workflows, and patients were a core
part of our DNA



Provides spectrum of solutions at no cost to the health system

Case Study: Health System Partnerships



Each partnership starts with vision and MSA, and several programs; implement on a program basis

Health System A

In Delivery (WH, WES/WTS, HC)

Health System B

MSA Signed (WH, WES/WTS, HC)

SYSTEM DETAILS

- 5 local hospitals and 130 clinical locations
- Competitive healthcare provider and dynamic player in the personalized and genomic medicine space
- 215 clinics, 1,195 providers, 35 hospitals, and 40 assisted living facilities
- 1M patients spread across 72k square miles and 82 rural communities

AREAS OF FOCUS

MSA, Steering Committee and 2 Initial SOWs Signed

- · Broad data and research collaboration
- Governed by C-Level Steering Committee
- Initial Women's Health testing rollout
- Initial Global Health Initiative sequencing project for 35k samples collected
- Clinical data & clinical confirmatory testing

MSA closed; scoping SOWs

- Scoping SOWs to drastically improve access to tumor profiling for any stage cancer patients and;
- Connect all cancer patients to a multitude of clinical trial opportunities

FUTURE GROWTH

Scoping SOWs to Grow Relationship

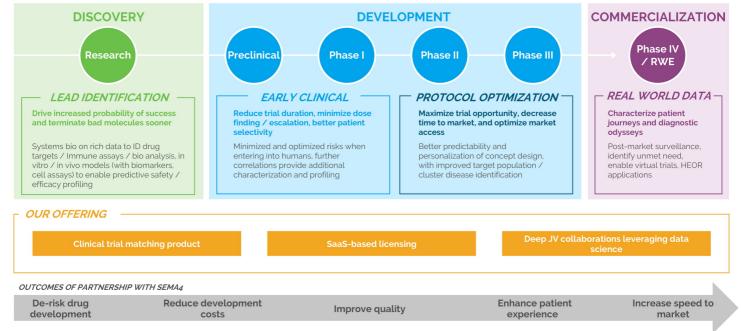
- Population Health Screening Program
- Replace entrenched incumbents for HC
- Requires discrete data
- Pathology Bio Bank Platform (100k)
- Gain access to bio banked samples connected to clinical records
- Deliver pharma brokerage w/Centrellis

Scoping SOWs to Grow Relationship

- Enable community-based sequencing leveraging bio-informatics
- Sema4 design population health genetic screening
- Capture data on 1406 patients with up to 20 sequential genomic tests performed
- Leverage telemedicine solutions created to serve rural communities

Our Value Proposition to Pharma Partners Across the Drug Lifecycle





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Case Studies: Pharma Partnerships



Pharma A

- Five-year multiscale study follows over a thousand patients using advanced network modeling to make new therapeutic discoveries
- Generates real-world data through EMR (electronic medical records) and digital monitoring
- Generates molecular profiling data including DNA genotyping and RNAseq on whole transcriptome
- Deploys analytics to develop holistic view of each patient, gaining **insights on asthma and current** therapies

Insights to enable more effective patient-specific treatment recommendations and discover new therapeutic targets

Pharma B



- Provide hundreds of cancer sample sequencing results from whole exome and whole transcriptome profiling of extracted DNA and RNA
- Generate molecular-level data that can be combined with existing real-world data and imaging data to provide a comprehensive view of data associated with certain cancer types

Data to generate predictive analytical insights into the diagnosis and progression of cancer patients

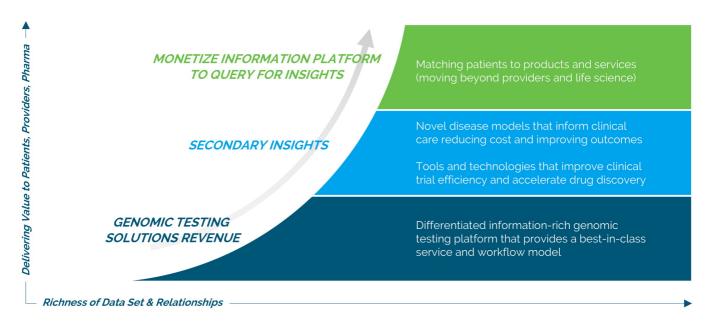
Pharma C



- Leveraging **deeply-curated clinico-genomic data** and **advanced analytics** to support multiple, diverse projects:
 - Improving the efficiency of clinical trial recruitment through data-centric patient ID, streamlined workflows and software tools
 - Utilizing our longitudinal dataset and our Aldriven curation to support a cancer early detection initiative

Using our rich and deep data to address a wide range of customer needs from clinical development to early disease detection and diagnosis

Our Business Model Will Continue to Evolve as We Accumulate More Data and Patient Relationships to Derive New Insights



₃₀ sema⊿

Our Team













- Founder and CEO of Sema4 and also serves as the Dean for Precision Medicine and Mount Sinai Professor in Predictive Health and Computational Biology at the Icahn School of Medicine at Mount Sinai.

 He was previously Founding Director of the Icahn Institute for Genomics and Multiscale Biology, and Professor and Chair of the Department of Genetics and Genomic Sciences.

 Over the past 20 years, he has built groups and companies (Merck, Rosetta, Sage Bionetworks, Pacific Biosciences, Icahn Institute, and Baya Care at the Autoritate the care large of the Sage 1999.
- Institute, and now Semaal to elucidate the complexity of human diseases.

 He has published more than 450 peer-reviewed papers in leading scientific journals and contributed to discoveries relating to the genetic basis of common human diseases such as diabetes, obesity, and Alzheimer's disease.























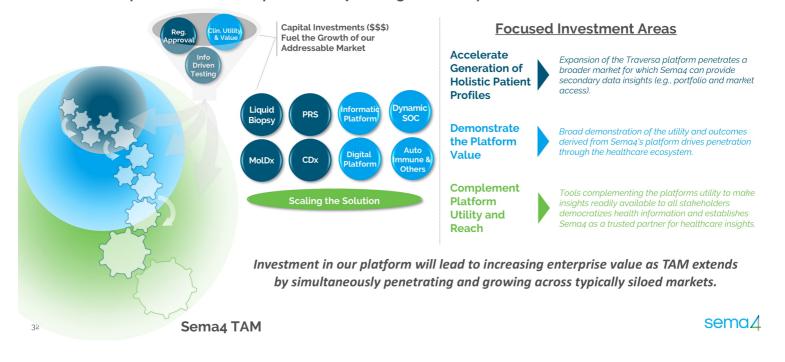






Use of Proceeds: Creating Inflection Points in Value Creation

Filling the gaps and expanding our platform and uptake into systems – investment in the components of a holistic precision medicine platform requires significant capital to scale into the market.



Priority deals considering Franchise needs and timeframe, targets, and conviction ULTRA HIGH – TRANSFORMATIV E DEAL Cancer Early Screening Co. Cell Line Therapy Co. (\$250M+)* HIGH -- M&A (~\$50-250M) Capital Requirement of Deal Accelerate Cancer Patient MRD Solution MEDIUM --INCUBATOR / JV / DEEP PARTNER (\$20M-\$50M) MolDx Lab LOW -- BD / CHANNEL (<\$20M) **Timeframe** Immediate Long-Term Transformative deals listed as target co. rather than need sema4

Transaction Rationale and Summary

Sema4 opportunity encompasses multiple validated markets, supporting massive value creation

- · Create a category-defining healthcare data intelligence company founded and led by a team of world class data scientists and engineers
- Differentiated platform and technology stack integrates wet lab, tech infrastructure, analytics, and delivery capabilities creating a platform fly wheel
- Near and long-term revenue growth driven by consolidation across multiple segments
- Scaled molecular data business rapidly taking share across categories, leveraged into realized optionality in large, adjacent TAMs
- Strategic alignment for synergistic partnerships with other industry leading companies

Transaction Highlights						
	CM Life Sciences (Ticker: CMLF) is a Life Sciences focused publicly traded Special Purpose Acquisition Company (SPAC) with \$443 million in cash to be deployed					
Transaction Overview	CMLF has entered into an agreement to combine with Sema4					
	PIPE size is \$350 million					
	Anchored by \$95 million commitment from Casdin Capital and Corvex Management					
Valuation / Pro Forma	Implies a \$2.1 billion post-merger enterprise value					
Ownership	• 65% Sema4 rollover shareholders, 14% PIPE investors, 17% SPAC public investors, 4 % SPAC sponsor					
Sources and Uses of Funds	 The Combination of SPAC trust account proceeds (assuming no redemptions) and the PIPE investment is expected to provide Sema4 with \$500 million of pro forma cash to enable growth on a multi-year time frame, provide liquidity for shareholders and explore additional organic and inorganic growth opportunities 					

Note: Assumes no redemptions by CM Life Sciences public shareholders

Transaction Overview

(\$ in Millions)

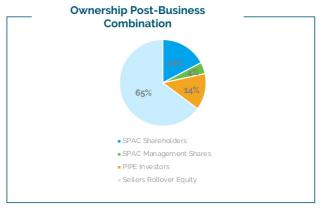
Sources	
CMLS Cash in trust	\$443
PIPE Investment	350
Sellers Equity	1,667
Existing Cash on Balance Sheet	92
Total	\$2,552

Uses			
Cash to Balance Sheet	\$500		
Debt Repayment	17		
Sellers Equity	1,667		
Secondary Proceeds	333		
Estimated Transaction Costs & Expenses	35		
Total	\$2,552		

Additional	Transaction	Details
------------	-------------	----------------

- Pro forma enterprise value of \$2.07bn
- \$350mm PIPE raised at \$10 per share
- Transaction expected to close in the first half of 2021

Pro Forma Valuation ⁽¹⁾	
Share Price	\$10.00
Pro Forma Shares Outstanding	257.1
Equity Value	\$2,571
(+) Debt	-
(-) Pro Forma Cash	500
Enterprise Value	\$2,071



Note: Assumes no redemptions by CM. Life Sciences public shareholders.

Values shown assuming \$10 per CM. Life Sciences share; does not include public and sponsor out of the money warrants

(1) Excludes any impact of earmouts.

