UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): November 21, 2022

MedTech Acquisition Corporation

(Exact name of registrant as specified in its charter)

Delaware	**001-39813**	**85-3009869**
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)

48 Maple Avenue, Greenwich, CT	06830
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: (908) 391-1288

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 to 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**
Units, each consisting of one share of Class A common stock and one-third of one Redeemable Warrant	MTACU	The Nasdaq Stock Market LLC
Class A common stock, par value $0.0001 per share	MTAC	The Nasdaq Stock Market LLC
Warrants, each whole warrant exercisable for one share of Class A common stock, each at an exercise price of $11.50 per share	MTACW	The Nasdaq Stock Market LLC

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

Emerging growth company ☒

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 7.01 Regulation FD Disclosure.

On November 11, 2022, MedTech Acquisition Corporation, a Delaware corporation ("MTAC"), entered into an Agreement and Plan of Merger (the "Merger Agreement") with MTAC Merger Sub, Inc., a Delaware corporation and wholly owned subsidiary of MTAC ("Merger Sub"), and TriSalus Life Sciences, Inc., a Delaware corporation ("TriSalus"), pursuant to which, subject to the satisfaction or waiver of certain conditions set forth therein, Merger Sub will merge with and into TriSalus (the "Merger"), with TriSalus surviving the Merger as a wholly owned subsidiary of MTAC, and with TriSalus's equity holders receiving shares of MTAC common stock (the transactions contemplated by the Merger Agreement and the related ancillary agreements, the "Business Combination"). Upon consummation of the Business Combination, MTAC will be renamed "TriSalus Life Sciences, Inc."

On November 21, 2022, MTAC and TriSalus issued a joint press release and made social media posts providing an update on its ongoing Pressure-Enabled Regional Immuno-Oncology ("PERIO™") 01 and 02 clinical studies for primary and metastatic liver tumors. The press release and social media posts are furnished hereto as Exhibit 99.1 and Exhibit 99.2, respectively.

Also, furnished as Exhibit 99.3 hereto and incorporated herein by reference is an investor presentation providing an update on the PERIO™ 01 and 02 clinical studies that may be used from time to time by MTAC and TriSalus in connection with the Business Combination.

The information in this Item 7.01, including Exhibit 99.1, Exhibit 99.2 and Exhibit 99.3, is 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 liabilities under that section, and shall not be deemed to be incorporated by reference into the filings of MTAC under the Securities Act or the Exchange Act, regardless of any general incorporation language in such filings. This Current Report on Form 8-K will not be deemed an admission as to the materiality of any information in this Item 7.01, including Exhibit 99.1, Exhibit 99.2 and Exhibit 99.3.

Changes and Additional Information in Connection with SEC Filing

MTAC intends to file a registration statement on Form S-4 (the "Registration Statement") that will include a proxy statement/prospectus of MTAC, that will be both the proxy statement to be distributed to holders of MTAC's common stock in connection with its solicitation of proxies for the vote by MTAC's stockholders with respect to the Business Combination and other matters as may be described in the Registration Statement, as well as the prospectus relating to the offer and sale of the securities to be issued in the Business Combination. The Registration Statement is not yet effective. The Registration Statement, including the proxy statement/prospectus contained therein, when it is declared effective by the U.S. Securities and Exchange Commission (the "SEC"), will contain important information about the Business Combination and the other matters to be voted upon at a meeting of MTAC's stockholders to be held to approve the Business Combination and other matters (the "Special Meeting"). MTAC may also file other documents with the SEC regarding the Business Combination. MTAC stockholders and other interested persons are advised to read, when available, the Registration Statement, including the proxy statement/prospectus contained therein, as well as any amendments or supplements thereto, because they will contain important information about the Business Combination. When available, the definitive proxy statement /prospectus will be mailed to MTAC stockholders as of a record date to be established for voting on the Business Combination and the other matters to be voted upon at the Special Meeting.

Participation in Solicitation

MTAC and TriSalus and their respective directors and executive officers, under SEC rules, may be deemed to be participants in the solicitation of proxies of MTAC's stockholders in connection with the Business Combination. Investors and security holders may obtain more detailed information regarding the names and interests in the Business Combination of MTAC's directors and officers in MTAC's filings with the SEC, including MTAC's registration statement on Form S-1, which was originally filed with the SEC on November 30, 2020, as amended, and MTAC's Annual Report on Form 10-K for the fiscal year ended December 31, 2021, filed with the SEC on March 2, 2022 (the "2021 Form 10-K"). To the extent that holdings of MTAC's securities have changed from the amounts reported in MTAC's 2021 Form 10-K, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC. Information regarding the persons who may, under SEC rules, be deemed participants in the solicitation of proxies from MTAC's stockholders in connection with the Business Combination will be set forth in the proxy statement/prospectus forming a part of the Registration Statement. Investors and security holders of MTAC and TriSalus are urged to carefully read in their entirety the proxy statement/prospectus and other relevant documents that will be filed with the SEC, when they become available, because they will contain important information about the Business Combination.

Investors and security holders will be able to obtain free copies of the proxy statement/prospectus and other documents containing important information about MTAC and TriSalus through the website maintained by the SEC at www.sec.gov. Copies of the documents filed with the SEC by MTAC can be obtained free of charge by directing a written request to MedTech Acquisition Corporation at 48 Maple Avenue, Greenwich, CT 06830.

INVESTMENT IN ANY SECURITIES DESCRIBED HEREIN HAS NOT BEEN APPROVED OR DISAPPROVED BY THE SEC OR ANY OTHER REGULATORY AUTHORITY NOR HAS ANY AUTHORITY PASSED UPON OR ENDORSED THE MERITS OF THE OFFERING THEREOF OR THE ACCURACY OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

Use of Data

The data contained herein is derived from various internal and external sources. Neither MTAC nor TriSalus has independently verified the accuracy or completeness of the information derived from external sources. Any market data in the communication involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Further, no representation is made as to the reasonableness of the assumptions made within or the accuracy or completeness of any projections or modeling or any other information contained herein. Any data on past performance or modeling contained herein is preliminary, subject to change and may not be indicative of actual future performance. MTAC and TriSalus assume no obligation to update the information in this communication.

Forward-Looking Statements

This Current Report on Form 8-K contains certain "forward-looking statements" within the meaning of the United States federal securities laws regarding MTAC's or TriSalus's expectations, hopes, beliefs, assumptions, intentions or strategies regarding the future including, without limitation, statements regarding: (i) the tolerability of SD-101 infusion with TriSalus's TriNav Infusion System, (ii) the potential of TriSalus's proprietary Pressure-Enabled Drug Delivery™ method to enable SD-101 to have broad immune effects in liver tumors and eliminate myeloid-delivered suppressor cells, (iii) expectations for continuing program development and potential outcomes, (iv) TriSalus's ability to compete with other companies, and (v) expectations for topline data and regulatory approval. These forward-looking statements generally are identified by words such as "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "strive," "would," "will" and similar expressions or the negative or other variations of such statements. These statements are predictions, projections and other statements about future events that are based on various assumptions, whether or not identified in this Current Report on Form 8-K and on the current expectations of MTAC's and TriSalus's respective managements and are not predictions of actual performance and, as a result, are subject to risks and uncertainties.

Many factors could cause actual results or developments to differ materially from those expressed or implied by such forward-looking statements, including but not limited to: (i) the risk that the Business Combination may not be completed in a timely manner or at all, which may adversely affect the price of MTAC's securities; (ii) the risk that the Business Combination may not be completed by MTAC's business combination deadline and the potential failure to obtain an extension of the business combination deadline; (iii) the failure to satisfy the conditions to the consummation of the Business Combination, including the approval of the Merger Agreement by the stockholders of MTAC, the satisfaction of the minimum cash amount following any redemptions by MTAC's public stockholders, and the receipt of certain governmental and regulatory approvals, including reimbursement approval; (iv) the lack of a third-party valuation in determining whether or not to pursue the Business Combination; (v) the occurrence of any event, change or other circumstance that could give rise to the termination of the Merger Agreement; (vi) the receipt of an unsolicited offer from another party for an alternative transaction that could interfere with the Business Combination; (vii) the effect of the announcement or pendency of the Business Combination on TriSalus's business relationships, operating results and business generally; (viii) risks that the Business Combination disrupts current plans and operations of TriSalus; (ix) the outcome of any legal proceedings that may be instituted against TriSalus or MTAC related to the Merger Agreement or the Business Combination; (x) the ability to maintain the listing of MTAC's securities on the Nasdaq; (xi) changes in business, market, financial, political and legal conditions; (xii) unfavorable changes in the reimbursement environment for TriSalus's products; (xiii) TriSalus's product candidates not achieving success in preclinical or clinical trials or not being able to obtain regulatory approval, either on a timely basis or at all or subject to any conditions that negatively impact TriSalus's ability to commercialize the applicable product candidates; (xiv) TriSalus being unable to continue to grow TriNav sales; (xv) the size of the addressable markets for TriNav and TriSalus's product candidates, if successfully developed and approved by the applicable regulatory authorities, being less than TriSalus estimates; (xvi) TriSalus's ability to successfully commercialize any product candidates that it successfully develops and that are approved by applicable regulatory authorities; (xvii) TriSalus's ability to continue to fund preclinical and clinical trials for its product candidates; (xviii) TriSalus's ability to partner with other companies; (xix) future economic and market conditions; (xx) the development, effects and enforcement of laws and regulations affecting TriSalus's business or industry; (xxi) TriSalus's ability to manage future growth; (xxii) TriSalus's ability to maintain and grow its market share; (xxiii) the effects of competition on TriSalus's business; (xxiv) the ability of MTAC or the combined company to raise additional financing in connection with the Business Combination or to finance its operations in the future; (xxv) the ability to implement business plans, forecasts and other expectations after the completion of the Business Combination, and identify and realize additional opportunities; (xxvi) costs related to the Business Combination; and (xxvii) the failure to realize the anticipated benefits of the Business Combination or to realize estimated pro forma results and the underlying assumptions, including with respect to estimated stockholder redemptions. The foregoing list of factors is not exclusive.

You should carefully consider the foregoing factors and other risks and uncertainties described in the "Risk Factors" section of MTAC's 2021 Form 10-K, the preliminary proxy statement/prospectus on Form S-4 relating to the Business Combination, which is expected to be filed by MTAC with the SEC and other documents filed by MTAC from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those expressed or implied 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 none of MTAC, TriSalus, or any of their respective representatives assume any obligation and do not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. None of MTAC, TriSalus, or any of their respective representatives gives any assurance that either MTAC or TriSalus will achieve its expectations.

No Offer or Solicitation

This Current Report on Form 8-K shall not constitute an offer to sell, a solicitation of an offer to buy or a recommendation to purchase any securities, or the solicitation of any proxy, vote, consent or approval in any jurisdiction in connection with the Business Combination, nor shall there be any offer, solicitation or sale of securities in any jurisdiction in which the offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of such jurisdictions. This communication is restricted by law; it is not intended for distribution to, or use by any person in, any jurisdiction where such distribution or use would be contrary to local law or regulation. No offering of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the U.S. Securities Act of 1933, as amended.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press Release, dated November 21, 2022.
99.2	Social Media Posts.
99.3	Investor Presentation.
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.

MedTech Acquisition Corporation

Dated: November 21, 2022

By: /s/ Christopher C. Dewey
Name: Christopher C. Dewey
Title: *Chief Executive Officer*

Exhibit 99.1

TriSalus Life Sciences Provides Updates on
Pressure-Enabled Regional Immuno-Oncology™ (PERIO™) 01 and 02 Clinical Studies

DENVER and CHICAGO, November 21, 2022 – TriSalus Life Sciences®, Inc. ("TriSalus") (the "Company"), an oncology therapeutics company in the process of going public through a business combination transaction (the "Business Combination") with MedTech Acquisition Corporation (Nasdaq: MTAC) ("MedTech" or "MTAC"), today filed a presentation for investors with additional information regarding its ongoing Pressure-Enabled Regional Immuno-Oncology**™** ("PERIO™ 01") and ("PERIO™ 02") clinical studies for primary and metastatic liver tumors.

"We are commercializing our TriNav® Infusion System (TriNav®) and developing SD-101 to potentially enable more patients with liver and pancreatic tumors to benefit from immunotherapeutics and the current standard of care," said Mary Szela, President and Chief Executive Officer of TriSalus. "Today we are providing recent clinical data from our SD-101 studies so investors can better understand the progress to date and the potential upside that our company can generate."

"The initial findings from these studies offer encouraging data supporting TriSalus' proprietary Pressure-Enabled Drug Delivery**™** ("PEDD™") method," said Steven C. Katz, MD, FACS, Chief Medical Officer at TriSalus. "This promising clinical data demonstrate that SD-101 delivered via TriNav® may support broad immune effects in liver tumors and eliminate myeloid-derived suppressor cells ("MDSC"). Importantly, the data further substantiates the potential of our therapeutic platform to significantly improve immunotherapy outcomes for patients with liver and pancreatic tumors."

Highlights of the presentation include:

- Data is consistent with the hypothesis that TriNav® can achieve high SD-101 levels in the liver with limited systemic exposure using the PEDD**™** method.
- SD-101 delivered via TriNav® is associated with evidence of induction of immunostimulatory cytokines in the blood and has demonstrated reductions in liver tumor monocytic MDSC levels.
- To date, 27 patients have been treated with 123 infusions of SD-101 in the PERIO**™** trials, with no serious cytokine adverse events related to SD-101 or serious adverse events related to TriNav® or PEDD**™**.
- The Company expects PERIO**™** 01 and PERIO**™** 02 Phase 1 response data in December 2022. The studies continue to enroll at higher SD-101 dose levels in combination with checkpoint inhibitors.

The full presentation has been filed with the Securities and Exchange Commission ("SEC") and is accessible on TriSalus' investor relations page at https://trisaluslifesci.com/investors/.

About TriSalus and Its Proposed Business Combination with MedTech

TriSalus is an oncology therapeutics company integrating immunotherapy with disruptive delivery technology to transform the treatment paradigm for patients with liver and pancreatic tumors.

TriSalus' proprietary platform approach addresses immune dysfunction in liver and pancreatic tumors by combining its highly effective drug delivery technology with immunotherapeutics. The TriSalus platform comprises the TriNav® Infusion System and SD-101, a class C toll-like receptor 9 (TLR9) agonist. TriNav® is an FDA-cleared device that is designed to administer established and emerging therapeutics. SD-101, the Company's investigational TLR9 agonist, is being delivered via TriNav® to selected sites, including tumors in the liver. TriNav® is the latest TriSalus asset for the proprietary PEDD**™** method of administration which has been shown to overcome intra-tumoral pressure through modulation of pressure and flow to increase delivery of therapeutic agents.

As previously announced on November 14, 2022, TriSalus has entered into a definitive merger agreement with MedTech (the "Merger Agreement"), a publicly traded special purpose acquisition company in connection with the proposed business combination and related transactions between the parties. Upon the closing of the transaction, which is expected to occur in the first quarter of 2023, the combined company will be a publicly traded company and its common stock is expected to be listed on the NASDAQ Stock Exchange under the ticker "TLSI". The transaction is subject to the satisfaction of the necessary regulatory approvals and customary closing conditions, including the approval of MedTech's shareholders.

For Patients

To learn more about the clinical trial treatment protocol and enrollment, visit http://www.periotrial.com or http://www.clinicaltrials.gov and search NCT04935229, NCT05220722, NCT05607953.

About MedTech Acquisition Corporation

MedTech is a blank check company formed for the purpose of effecting a merger, share exchange, asset acquisition, share purchase, reorganization or similar business combination with one or more businesses or entities. MedTech has stated a focus on the medical technology industry in the United States and other developed countries.

Forward-Looking Statements

This communication contains certain "forward-looking statements" within the meaning of the United States federal securities laws regarding MTAC's or TriSalus's expectations, hopes, beliefs, assumptions, intentions or strategies regarding the future including, without limitation, statements regarding: (i) the tolerability of SD-101 infusion with TriNav, (ii) the potential of TriSalus's proprietary PEDD™ method to enable SD-101 to have broad immune effects in liver tumors and eliminate MDSC, (iii) expectations for continuing program development and potential outcomes, (iv) TriSalus's ability to compete with other companies, and (v) expectations for topline data and regulatory approval. These forward-looking statements generally are identified by words such as "anticipate," "believe," continue," "could," "estimate," "expect," "intend," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "strive," "would," "will" and similar expressions or the negative or other variations of such statements. These statements are predictions, projections and other statements about future events that are based on various assumptions, whether or not identified in this communication and on the current expectations of MTAC's and TriSalus's respective managements and are not predictions of actual performance and, as a result, are subject to risks and uncertainties.

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This communication shall not constitute an offer to sell, a solicitation of an offer to buy or a recommendation to purchase any securities, or the solicitation of any proxy, vote, consent or approval in any jurisdiction in connection with the Business Combination, nor shall there be any offer, solicitation or sale of securities in any jurisdiction in which the offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of such jurisdictions. This communication is restricted by law; it is not intended for distribution to, or use by any person in, any jurisdiction where such distribution or use would be contrary to local law or regulation. No offering of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the U.S. Securities Act of 1933, as amended.

Media Contact:

press@trisaluslifesci.com

Investor Contact:

Aaron Palash / Gregory Klassen / Allison Sobel
Joele Frank, Wilkinson Brimmer Katcher
+1 212 355 4449

Exhibit 99.2

TriSalus Corporate LinkedIn Post

Today, TriSalus is providing an update on recent data from two ongoing Phase I clinical trials, with initial findings that further substantiate the potential of our therapeutic platform to significantly improve immunotherapy outcomes for patients with liver and pancreatic tumors. These studies are evaluating the company's immunotherapy platform, which integrates an investigational class C TLR9 agonist, SD-101, and the company's proprietary Pressure-Enabled Drug Delivery™ (PEDD™) method of administration to overcome critical barriers that can prevent immunotherapeutic uptake in hard-to-treat tumors.

The presentation on the ongoing Pressure-Enabled Regional Immuno-Oncology™ (PERIO™) clinical studies is accessible here: https://trisaluslifesci.com/investors

TriSalus Corporate Twitter Post

Following the announcement of our proposed business combination with $MTAC, TriSalus is providing recent data from ongoing #clinicaltrials for primary and metastatic liver tumors. The presentation is accessible here: https://trisaluslifesci.com/investors

TriSalus LIFE SCIENCES®

Pressure Enabled Regional Immuno-oncology (PERIO™) Trials Update

November 2022

Update on the PERIO 01 and PERIO 02 Clinical Studies

- First-in-human experience in patients with liver tumors well-tolerated, with no serious adverse events related to TriNav® or procedure as monotherapy or in combination with checkpoint inhibitors
- Consistent with hypothesis that SD-101 delivered via TriNav® can enable broad immune effects in liver tumors and eliminate myeloid derived suppressor cells ("MDSC")
- Continuing SD-101 program development, with more pivotal milestones expected over the next 6 months

https://periotrial.com

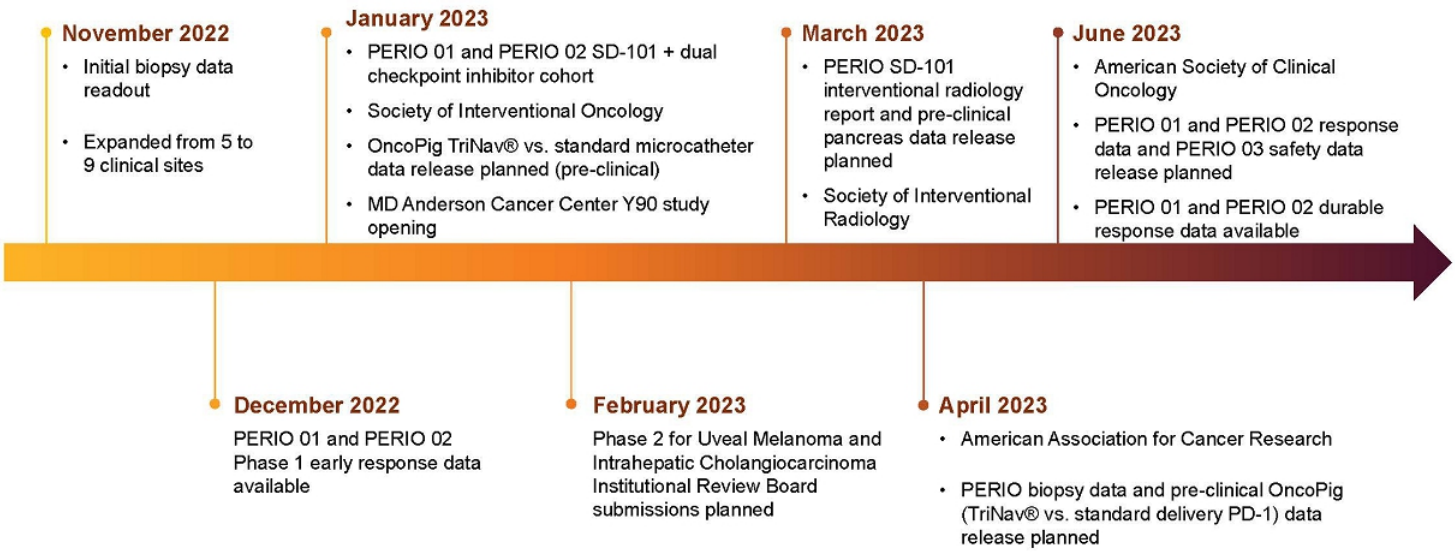
PERIO 01 for uveal melanoma with liver metastases (NCT04935229)

PERIO 02 for intrahepatic cholangiocarcinoma and hepatocellular carcinoma (NCT05220722)

TriSalus LIFE SCIENCES

Upcoming Milestones

More Pivotal Data Expected in Next 6 Months



Pressure-Enabled Regional Immuno-Oncology
PERIO 01 and PERIO 02 Clinical Studies

Evaluating SD-101 in combination with checkpoint inhibitors in adults with uveal melanoma liver metastases, advanced hepatocellular carcinoma, and advanced intrahepatic cholangiocarcinoma

Overview

- Both studies initiated at The University of Texas MD Anderson Cancer Center and now open at nine sites
- First two studies in a series of clinical trials assessing TriSalus' immunotherapy platform across multiple indications
- First patients enrolled in May 2022;

27 patients treated to date with **123** infusions

- Planning to execute registrational phase 2 studies in the first half of 2023; durable response data available in June

THE UNIVERSITY OF TEXAS MD Anderson Cancer Center
COLUMBIA UNIVERSITY
UCLA
Massachusetts General Hospital
STANFORD
UPMC
UNIVERSITY of WASHINGTON
Thomas Jefferson University
University of Colorado

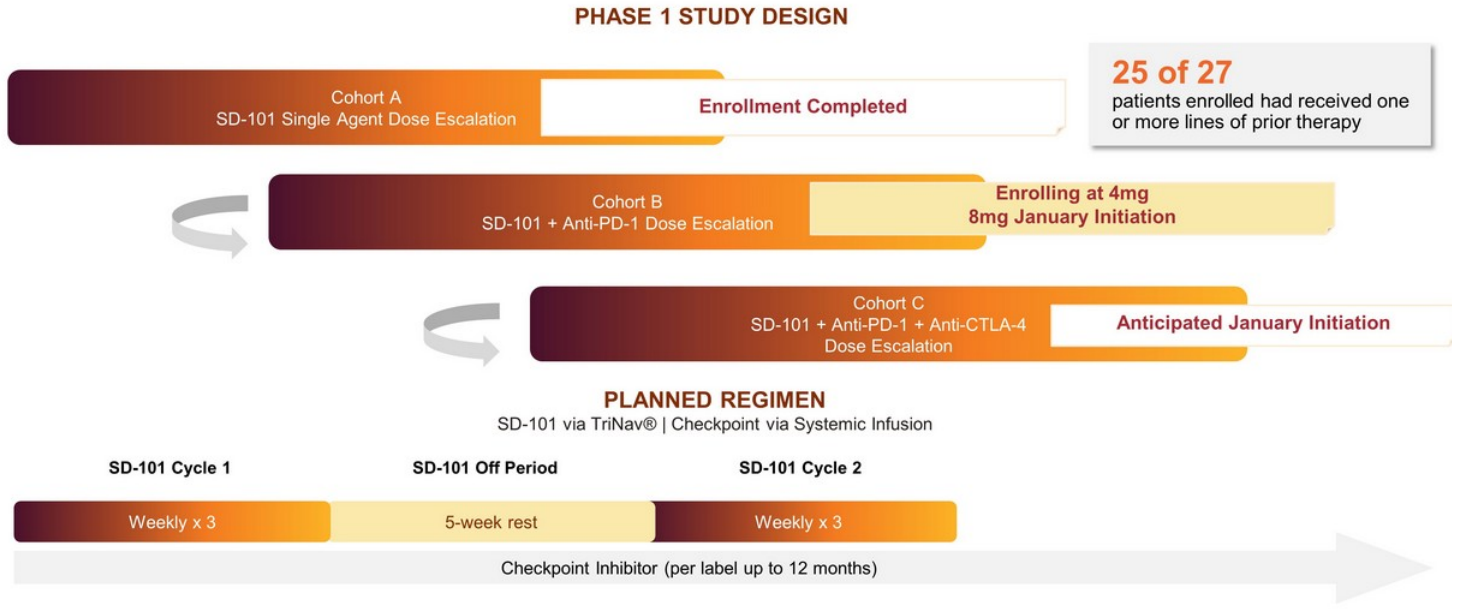
PERIO 01

- SD-101 monotherapy – 13 patients treated
- SD-101 + CPI – 7 patients treated (2 mg)
  - Enrolling at higher dose levels (4 mg and 8 mg)

PERIO 02

- SD-101 monotherapy – 3 patients treated
- SD-101 + CPI – 4 patients treated (2 mg)
  - Enrolling at higher dose levels (4 mg and 8 mg)

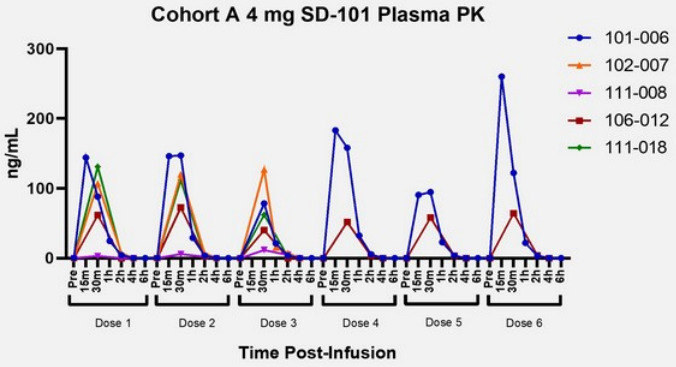
PERIO 01 and PERIO 02 Clinical Study Overview



PERIO 01 and PERIO 02 Update: First In-Human Experience Well-Tolerated

First-in-human experience consistent with hypothesis that TriNav® can achieve high liver SD-101 levels with limited systemic exposure

- High SD-101 levels in liver following infusion with TriNav®
- Transient (<2 hour) detection in serum following SD-101 infusion with TriNav®
- No serious immune related adverse events reported to date[1]



(1) No serious cytokine related events (one grade 2 cytokine release syndrome)
No serious (grade 4 or 5) clinically significant liver or biliary serious adverse events
No dose discontinuations due to treatment related serious advents
No serious adverse events related to TriNav® or procedure

Liver tissue levels up to 2340 ng/ml at 8 mg dose level in Cohort A

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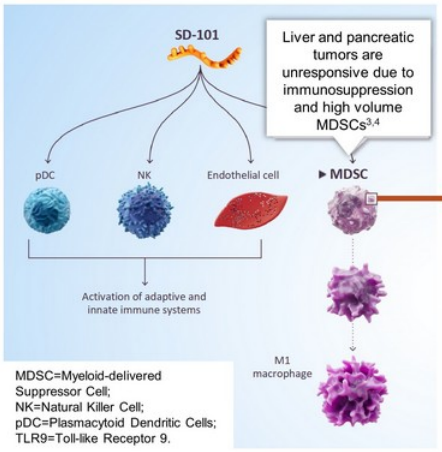
SD-101 Dual Mechanism — MDSC Elimination and Broad Immune Cell Activation

Reversing immunosuppression to enhance tumor responsiveness[1,2]



1. SD-101 Binds to TLR9
2. MDSC death
3. MDSC conversion to M1 macrophages

1

Broad immune modulation of the tumor[5,6,7]

- Phase 2 data in other indications
- Drives T-cell infiltration

2

Liver and pancreas tumor specific[6]

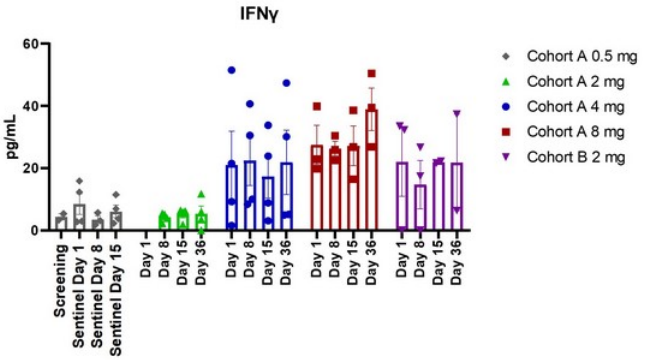
- MDSC associated gene reduction in initial studies6
- Attacks liver-specific MDSC pathways8

1) Looi, C.K., et al. J Exp Clin Cancer Res. 2019 Apr 15;38(1):162.
2) Ribas A., et al. Cancer Discov. 2018;8(10):1250.
3) Feig, C. et al. The Pancreas Cancer Microenvironment. Clin. Cancer Res. 18, 4266–4276 (2012).
4) Cancer Immunol Immunother. 2015 Feb; 64(2): 149–159.
5) TriSalus data on file
6) TriSalus clinical data on file (PERIO-1) and Ghosh, et al. Cancer Gene Therapy. 2022 June 14 (online ahead of print).
7) Journal of Clinical Oncology 37, no. 15_suppl (May 20, 2019) 9534-9534.
8) Guha et al. Oncogene 2020 November 4 (online ahead of print).

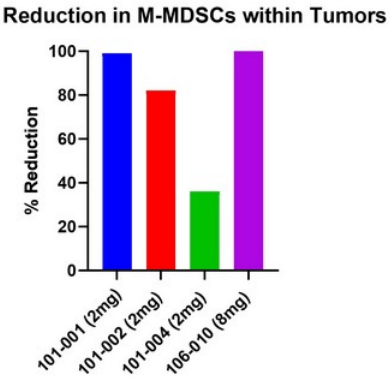
Data Supports Hypothesis that PEDD Can Enable SD-101 to Have Broad Immune Effects in Liver Tumors and Eliminate MDSC

SD-101 Infusion With TriNav® Demonstrated Cytokine Induction and MDSC Elimination

Trend of increasing serum IFNg levels following infusion of SD-101 via TriNav® at increasing doses levels



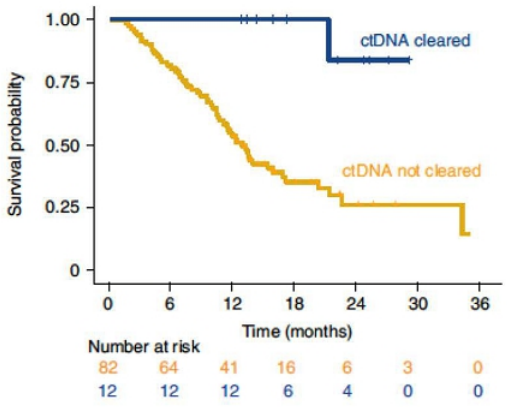
4 of 4 patients with available immunofluorescence data demonstrate decreases in liver tumor monocytic MDSC levels

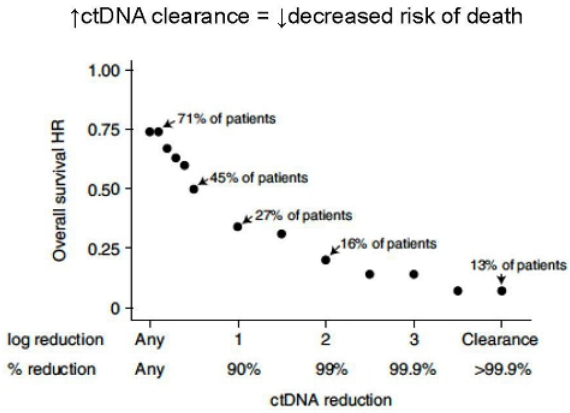


Cytokine levels determined by Luminex assays
% reduction in M-MDSC concentrations within tumors calculated from earliest available time point (Day 1 or Day 57) to latest available time point (Day 57 or Day 100)
M-MDSC concentrations determined by multiplex immunofluorescence microscopy

Immunocore: ctDNA Predicted Long-term Survival in Uveal Melanoma

Extent of circulating tumor DNA clearance from blood following immunotherapy treatment predicted long term survival in Immunocore clinical trial[1]





nature medicine

Clinical and molecular response to tebentafusp in previously treated patients with metastatic uveal melanoma: a phase 2 trial

1) Carvajal, R.D., Butler, M.O., Shoushtari, A.N. et al. Clinical and molecular response to tebentafusp in previously treated patients with metastatic uveal melanoma: a phase 2 trial. Nat Med 28, 2364–2373 (2022). https://doi.org/10.1038/s41591-022-02015-7

Circulating Tumor Cells and ctDNA Decreased in Most Patients Following SD-101 Infusions at 2 mg Dose Level

Data pending at higher dose levels

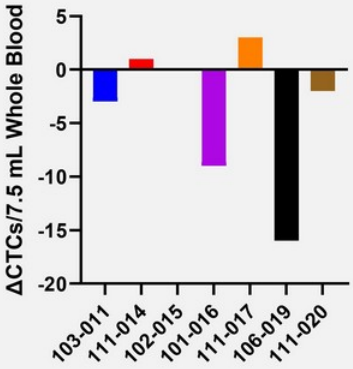
4 of 7*

patients with circulating tumor cell decreases

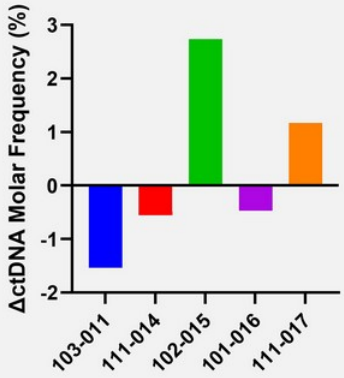
3 of 5*

patients with circulating tumor DNA decreases

Change in CTC Levels



Change in ctDNA Levels



*data available to date

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Forward-Looking Statements

This presentation contains certain "forward-looking statements" within the meaning of the United States federal securities laws regarding MedTech Acquisition Corporation ("MTAC")'s or TriSalus Life Sciences, Inc. ("TriSalus")'s expectations, hopes, beliefs, assumptions, intentions or strategies regarding the future including, without limitation, statements regarding: (i) the tolerability of SD-101 infusion with TriNav, (ii) the potential of TriSalus's proprietary PEDD method to enable SD-101 to have broad immune effects in liver tumors and eliminate MDSC, (iii) expectations for continuing program development and potential outcomes, (iv) TriSalus's ability to compete with other companies, and (v) expectations for topline data and regulatory approval. These forward-looking statements generally are identified by words such as "anticipate," "believe," continue," "could," "estimate," "expect," "intend," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "strive," "would," "will" and similar expressions or the negative or other variations of such statements. These statements are predictions, projections and other statements about future events that are based on various assumptions, whether or not identified in this presentation and on the current expectations of MTAC's and TriSalus's respective managements and are not predictions of actual performance and, as a result, are subject to risks and uncertainties.

Many factors could cause actual results or developments to differ materially from those expressed or implied by such forward-looking statements, including but not limited to: (i) the risk that the Business Combination may not be completed in a timely manner or at all, which may adversely affect the price of MTAC's securities; (ii) the risk that the Business Combination may not be completed by MTAC's business combination deadline and the potential failure to obtain an extension of the business combination deadline; (iii) the failure to satisfy the conditions to the consummation of the Business Combination, including the approval of the Merger Agreement by the stockholders of MTAC, the satisfaction of the minimum cash amount following any redemptions by MTAC's public stockholders, and the receipt of certain governmental and regulatory approvals, including reimbursement approval; (iv) the lack of a third-party valuation in determining whether or not to pursue the Business Combination; (v) the occurrence of any event, change or other circumstance that could give rise to the termination of the Merger Agreement; (vi) the receipt of an unsolicited offer from another party for an alternative transaction that could interfere with the Business Combination, (vii) the effect of the announcement or pendency of the Business Combination on TriSalus's business relationships, operating results and business generally; (viii) risks that the Business Combination disrupts current plans and operations of TriSalus; (ix) the outcome of any legal proceedings that may be instituted against TriSalus or MTAC related to the Merger Agreement or the Business Combination; (x) the ability to maintain the listing of MTAC's securities on the Nasdaq; (xi) changes in business, market, financial, political and legal conditions; (xii) unfavorable changes in the reimbursement environment for TriSalus's products; (xiii) TriSalus's product candidates not achieving success in preclinical or clinical trials or not being able to obtain regulatory approval, either on a timely basis or at all or subject to any conditions that negatively impact TriSalus's ability to commercialize the applicable product candidates; (xiv) TriSalus being unable to continue to grow TriNav sales; (xv) the size of the addressable markets for TriNav and TriSalus's product candidates, if successfully developed and approved by the applicable regulatory authorities, being less than TriSalus estimates; (xvi) TriSalus's ability to successfully commercialize any product candidates that it successfully develops and that are approved by applicable regulatory authorities; (xvii) TriSalus's ability to continue to fund preclinical and clinical trials for its product candidates; (xviii) TriSalus's ability to partner with other companies; (xix) future economic and market conditions; the development, effects and enforcement of laws and regulations affecting TriSalus's business or industry; (xx) TriSalus's ability to manage future growth; (xxi) TriSalus's ability to maintain and grow its market share; (xxii) the effects of competition on TriSalus's business; (xxiii) the ability of MTAC or the combined company to raise additional financing in connection with the Business Combination or to finance its operations in the future; (xxiv) the ability to implement business plans, forecasts and other expectations after the completion of the Business Combination, and identify and realize additional opportunities; (xxv) costs related to the Business Combination; and (xxvi) the failure to realize the anticipated benefits of the Business Combination or to realize estimated pro forma results and the underlying assumptions, including with respect to estimated stockholder redemptions. The foregoing list of factors is not exclusive.

You should carefully consider the foregoing factors and other risks and uncertainties described in the "Risk Factors" section of MTAC's Annual Report on Form 10-K for the fiscal year ended December 31, 2021, filed with the U.S. Securities and Exchange Commission (the "SEC") on March 2, 2022 (the "2021 Form 10-K"), the preliminary proxy statement/prospectus on Form S-4 relating to the Business Combination, which is expected to be filed by MTAC with the SEC and other documents filed by MTAC from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those expressed or implied 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 none of MTAC, TriSalus, or any of their respective representatives assume any obligation and do not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. None of MTAC, TriSalus, or any of their respective representatives gives any assurance that either MTAC or TriSalus will achieve its expectations.

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The information in this presentation has not been reviewed by the SEC and certain information may not comply in certain respects with SEC rules. MTAC intends to file a registration statement on Form S-4 (the "Registration Statement") that will include a proxy statement/prospectus of MTAC, that will be both the proxy statement to be distributed to holders of MTAC's common stock in connection with its solicitation of proxies for the vote by MTAC's stockholders with respect to the Business Combination and other matters as may be described in the Registration Statement, as well as the prospectus relating to the offer and sale of the securities to be issued in the Business Combination. The Registration Statement is not yet effective. The Registration Statement, including the proxy statement/prospectus contained therein, when it is declared effective by the SEC, will contain important information about the Business Combination and the other matters to be voted upon at a meeting of MTAC's stockholders to be held to approve the Business Combination and other matters (the "Special Meeting"). MTAC may also file other documents with the SEC regarding the Business Combination. MTAC stockholders and other interested persons are advised to read, when available, the Registration Statement, including the proxy statement/prospectus contained therein, as well as any amendments or supplements thereto, because they will contain important information about the Business Combination. When available, the definitive proxy statement /prospectus will be mailed to MTAC stockholders as of a record date to be established for voting on the Business Combination and the other matters to be voted upon at the Special Meeting.

Participation in Solicitation

MTAC and TriSalus and their respective directors and executive officers, under SEC rules, may be deemed to be participants in the solicitation of proxies of MTAC's stockholders in connection with the Business Combination. Investors and security holders may obtain more detailed information regarding the names and interests in the Business Combination of MTAC's directors and officers in MTAC's filings with the SEC, including MTAC's registration statement on Form S-1, which was originally filed with the SEC on November 30, 2020, as amended, and MTAC's 2021 Form 10-K. To the extent that holdings of MTAC's securities have changed from the amounts reported in MTAC's 2021 Form 10-K, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC. Information regarding the persons who may, under SEC rules, be deemed participants in the solicitation of proxies from MTAC's stockholders in connection with the Business Combination will be set forth in the proxy statement/prospectus forming a part of the Registration Statement. Investors and security holders of MTAC and TriSalus are urged to carefully read in their entirety the proxy statement/prospectus and other relevant documents that will be filed with the SEC, when they become available, because they will contain important information about the Business Combination.

Investors and security holders will be able to obtain free copies of the proxy statement/prospectus and other documents containing important information about MTAC and TriSalus through the website maintained by the SEC at www.sec.gov. Copies of the documents filed with the SEC by MTAC can be obtained free of charge by directing a written request to MedTech Acquisition Corporation at 48 Maple Avenue, Greenwich, CT 06830.

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