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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-K**

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

Date of report (Date of earliest event reported): October 3, 2022

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**Y-MABS THERAPEUTICS, INC.**

(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation or organization)

001-38650  
(Commission  
File Number)

47-4619612  
(I.R.S. Employer  
Identification No.)

230 Park Avenue  
Suite 3350  
New York, New York 10169  
(Address of principal executive offices) (Zip Code)

(646) 885-8505  
(Registrant's telephone number, include area code)

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

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

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

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

Title of each class:	Trading Symbol	Name of each exchange on which registered:
Common Stock, \$0.0001 par value	YMAB	NASDAQ Global Select Market

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

Emerging growth company

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

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**Item 8.01. Other Events**

On October 3, 2022, Y-mAbs Therapeutics, Inc., (the “Company”) issued a press release announcing clinical data on the Company’s product candidate OMBLASTYS® (<sup>131</sup>I-omburtamab) for the treatment of CNS/leptomeningeal metastasis from neuroblastoma presented by Dr. Kim Kramer from Memorial Sloan Kettering Cancer Center at the International Society of Pediatric Oncology Annual Congress held September 28 through October 1, 2022, in Barcelona, Spain. A copy of the press release is attached hereto as Exhibit 99.1.

The information furnished pursuant to Item 8.01 on this Form 8-K, including Exhibit 99.1 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 the liabilities of that section, nor shall it be deemed incorporated by reference into any other filing under the Securities Act or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
<a href="#">99.1</a>	<a href="#">Press Release, dated October 3, 2022, issued by Y-mAbs Therapeutics, Inc.</a>
104	Interactive Data File (embedded within the Inline XBRL document).

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SIGNATURES

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

Y-MABS THERAPEUTICS, INC.

Date: October 3, 2022

By: /s/ Thomas Gad

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Thomas Gad  
Founder, President, Interim Chief Executive Officer, and Head of Business  
Development & Strategy

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### **Y-mAbs Announces Pivotal Data for Omburtamab**

New York, NY, October 3, 2022 (GLOBE NEWSWIRE) – Y-mAbs Therapeutics, Inc. (the “Company” or “Y-mAbs”) (Nasdaq: YMAB) a commercial-stage biopharmaceutical company focused on the development and commercialization of novel, antibody-based therapeutic products for the treatment of cancer, today announced clinical data on the Company’s product candidate OMBLASTYS® (<sup>131</sup>I-omburtamab) for the treatment of CNS/leptomeningeal metastasis from neuroblastoma. Data was presented by Dr. Kim Kramer from Memorial Sloan Kettering Cancer Center (“MSK”) at the International Society of Pediatric Oncology (“SIOP”) Annual Congress held September 28 through October 1, 2022, in Barcelona, Spain.

In an oral presentation, Dr. Kramer presented interim results for 32 patients enrolled in the Company’s ongoing pivotal 101 multicenter study of omburtamab radiolabeled with Iodine-131. The results showed a twelve-month overall survival (“OS”) of 73.5%, with a median follow-up of 25 months. Further, the interim results showed an objective response rate (“ORR”) of 31.3% in the patients with measurable disease after central review based on Response Assessment in Neuro-Oncology (“RANO”) criteria and European Association of Neuro-Oncology (“EANO”)/European Society for Medical Oncology (“ESMO”) criteria, and that a total of 75.0% of the patient with measurable disease achieved disease control. Serious Adverse Events (“SAE”) was found in 40.6% of the patients and were mostly related to myelosuppression.

“We are excited to report these data that together with Study 03-133 is the basis of our BLA,” said Thomas Gad, President, and Interim Chief Executive Officer. “The disease burden these patient and their families are facing represent a significant unmet medical need, which we hope to be able to address with OMBLASTYS after our PDUFA date on November 30, 2022.

Researchers at MSK developed omburtamab, which is exclusively licensed by MSK to Y-mAbs. As a result of this licensing arrangement, MSK has institutional financial interests in the compound.

### **About Y-mAbs**

Y-mAbs is a commercial-stage biopharmaceutical company focused on the development and commercialization of novel, antibody-based therapeutic cancer products. In addition to conventional antibodies, the Company’s technologies include bispecific antibodies generated using the Y-BiClone platform and the SADA platform. The Company’s broad and advanced product pipeline includes one FDA-approved product, DANYELZA® (naxitamab-ggqk), which targets tumors that express GD2, and one product candidate at the registration-stage, OMBLASTYS® (<sup>131</sup>I-omburtamab), which targets tumors that express B7-H3.

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## Forward-Looking Statements

Statements in this press release about future expectations, plans and prospects, as well as any other statements regarding matters that are not historical facts, may constitute “forward-looking statements” within the meaning of The Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements regarding expected regulatory activities, including potential approval and commercialization of OMBLASTYS® (<sup>131</sup>I-omburtamab) in the United States and the timing thereof, about our business model and development, commercialization and product distribution plans; current and future clinical and pre-clinical studies and our research and development programs; expectations related to the timing of the initiation and completion of regulatory submissions; regulatory, marketing and reimbursement approvals; rate and degree of market acceptance and clinical utility as well as pricing and reimbursement levels; retaining and hiring key employees; our commercialization, marketing and manufacturing capabilities and strategy; our intellectual property position and strategy; additional product candidates and technologies; collaborations or strategic partnerships and the potential benefits thereof; expectations related to the use of our cash and cash equivalents, and the need for, timing and amount of any future financing transaction; our financial performance, including our estimates regarding revenues, expenses, capital expenditure requirements; developments relating to our competitors and our industry; and other statements that are not historical facts. Words such as “anticipate,” “believe,” “contemplate,” “continue,” “could,” “estimate,” “expect,” “hope,” “intend,” “may,” “might,” “plan,” “potential,” “predict,” “project,” “should,” “target,” “will,” “would”, “goal,” “aim,” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Our product candidates and related technologies are novel approaches to cancer treatment that present significant challenges. Actual results may differ materially from those indicated by such forward-looking statements as a result of various factors, including but not limited to: risks associated with our financial condition and need for additional capital; risks associated with our development work; cost and success of our product development activities and clinical trials; the risks of delay in the timing of our regulatory submissions or failure to receive approval of our drug candidates; the risks related to commercializing any approved pharmaceutical product including the rate and degree of market acceptance of our product candidates; development of our sales and marketing capabilities and risks associated with failure to obtain sufficient reimbursement for our products; the risks related to our dependence on third parties including for conduct of clinical testing and product manufacture; our inability to enter into partnerships; the risks related to government regulation; risks related to market approval, risks associated with protection of our intellectual property rights; risks related to employee matters and managing growth; risks related to our common stock, risks associated with the COVID-19 pandemic, risks associated with the conflict between Russia and Ukraine and sanctions related thereto, macroeconomic conditions, including inflation and uncertain global credit and capital markets; and other risks and uncertainties affecting the Company including those described in the “Risk Factors” section included in our Annual Report on Form 10-K for the year ended December 31, 2021, our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2022 and June 30, 2022, and in our other SEC filings. Any forward-looking statements contained in this press release speak only as of the date hereof, and the Company undertakes no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise except as required by law.

DANYELZA®, OMBLASTYS® and Y-mAbs® are registered trademarks of Y-mAbs Therapeutics, Inc.

## Contact:

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