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): March 4, 2022

RAPID MICRO BIOSYSTEMS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 001-40592 (Commission File Number) 20-8121647 (I.R.S. Employer Identification No.)

1001 Pawtucket Boulevard West, Suite 280 Lowell, Massachusetts 01854 (Address of principal executive offices) (Zip Code)

978-349-3200 (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

	Trading Name of each exchange on which							
Sec	rurities registered pursuant to Section 12(b) of the Act:							
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))							
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))							
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)							
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)							
any	of the following provisions:							

	rraung	Name of each exchange on which
Title of each class	Symbols	registered
Class A Common Stock, \$0.01 par value per share	RPID	The 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 \square

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 2.02 Financial Statements and Exhibits.

On March 4, 2022, Rapid Micro Biosystems, Inc. (the "Company") issued a press release announcing its financial results for its fourth quarter and fiscal year ended December 31, 2021. A copy of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference in its entirety.

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

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1* Press Release of Rapid Micro Biosystems, Inc. dated March 4, 2022
104 Cover Page Interactive Data File (formatted as inline XBRL).

Cautionary Statement Regarding Forward-Looking Statements

Statements in this Current Report on Form 8-K about the Company's future expectations, plans and prospects, including statements relating to the Company's full year 2022 commercial revenue outlook range and expected future revenue and growth; acceleration of growth initiatives including expanding our global commercial team and enhancing their capabilities, developing and launching new products and investing in global manufacturing; customer interest in and adoption of the Company's Growth Direct microbial quality control platform; and the timing and impact of the anticipated completion of the Company's contract with BARDA, as well as other statements containing the words "outlook," "aim," "anticipate," "assume," "believe," "contemplate," "continue," "could," "due," "estimate," "expect," "goal," "intend," "may," "objective," "plan," "predict," "potential," "positioned," "seek," "should," "target," "will," "would" and other similar expressions or the negative of these terms or other and similar expressions are intended to identify forward-looking statements within the meaning of the safe harbor provisions of The Private Securities Litigation Reform Act of 1995, although not all forward-looking statements contain these identifying words. Forward-looking statements involve known and unknown risks, uncertainties and assumptions which may cause actual results to differ materially from any results expressed or implied by any forward-looking statement, including, but not limited to, the impact of the pandemic related to COVID-19 and its variants on our business and operations, including placements and validation of new systems; our significant losses since inception; our need to raise additional capital to fund our existing operations; risks related to our revenue historically being primarily generated from sales of our Growth Direct platform, proprietary consumables and laboratory information management system connection software; our ability to manage our future growth effectively; our limited experience in marketing and sales; our need to develop new products and adapt to technological changes; our ability to establish and maintain our position as a leading provider of automated microbial quality control testing; our ability to maintain our manufacturing facility; risks related to third-parties; our ability to retain key management and other employees; risks related to regulatory matters; risks related to our intellectual property; risks related to supply chain disruptions and the impact of inflation; and the other important factors outlined under the caption "Risk Factors" in our prospectus filed July 12, 2021, with the Securities and Exchange Commission ("SEC") pursuant to Rule 424(b), as such factors may be updated from time to time in our other filings with the SEC, which are available on the SEC's website at www.sec.gov and the Investor Relations page of our website at https://investors.rapidmicrobio.com. Although the Company believes that the expectations reflected in its forward-looking statements are reasonable, it cannot guarantee future results. The Company has no obligation, and does not undertake any obligation, to update or revise any forwardlooking statement made in this Current Report on Form 8-K to reflect changes since the date of this Current Report on Form 8-K, except as may be required by law. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date hereof.

^{*}Furnished herewith

SIGNATURES

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

Date: March 4, 2022

RAPID MICRO BIOSYSTEMS, INC.

By:/s/ Sean Wirtjes

Sean Wirtjes Chief Financial Officer

Rapid Micro Biosystems Reports Fourth Quarter and Full Year 2021 Financial Results and Reaffirms Full Year 2022 Guidance

Reports fourth guarter 2021 total revenue of \$5.2 million and commercial revenue of \$4.9 million

Reports full year 2021 total revenue of \$23.2 million and commercial revenue of \$21.6 million

Reaffirms full year 2022 commercial revenue outlook range of \$27 million to \$32 million, representing growth of approximately 25% to 50%

LOWELL, Mass., March 4, 2022 (GLOBE NEWSWIRE) -- Rapid Micro Biosystems, Inc. (Nasdaq: RPID) (the "Company"), an innovative life sciences technology company providing mission critical automation solutions to facilitate the efficient manufacturing and fast, safe release of healthcare products, today announced its financial results for the fourth quarter and full year ended December 31, 2021.

Recent Highlights

- Full year commercial revenue (combined product and service) was \$21.6 million, representing growth of 54%
- Full year recurring commercial revenue was \$7.8 million, representing growth of 100%
- Increased cumulative customer systems to 116 placed systems and 84 validated systems
- As of December 31, 2021, the Company had cash, cash equivalents and investments of \$203.5 million
- Fourth quarter recurring commercial revenue was \$2.3 million, representing growth of 91%
- Appointed Inese Lowenstein to its Board of Directors. Ms. Lowenstein has held leadership positions at Danaher Corporation, Merck KGaA and EMD Millipore.

"We delivered a strong 2021 with commercial revenue growth of 54%, including recurring revenue growth of 100%," said Robert Spignesi, President and Chief Executive Officer. "Looking forward, our strong balance sheet positions us well to execute against our priorities which include expanding our global commercial team and enhancing their capabilities, developing and launching new products and investing in global manufacturing."

Full Year Financial Results

Total revenue for the full year was \$23.2 million in 2021, compared to \$16.1 million in 2020. A breakdown of full year revenue follows:

- Commercial revenue (combined product and service revenue) was \$21.6 million, compared to \$14.1 million in 2020, representing growth of 54%
- Recurring commercial revenue was \$7.8 million, compared to \$3.9 million in 2020, representing growth of 100%
- Non-commercial revenue related to the Company's contract with the U.S. Biomedical Advanced Research and Development Authority ("BARDA"), under which the Company is developing a consumable for rapid sterility testing on its Growth Direct platform, was \$1.6 million, compared to \$2.0 million in 2020
- Placed 29 new systems and completed validation of 33 customer systems

Total cost of commercial revenue was \$29.4 million in 2021, compared to \$22.0 million in 2020, representing an increase of 33%. The increase was primarily driven by a higher volume of Growth Direct systems and consumables sold as well as higher personnel-related costs to support increased service activity.

Total operating expenses were \$39.5 million in 2021, compared to \$22.5 million in 2020. The increase was largely due to higher employee-related costs due to increased investment in commercial and product development as well as higher general and administrative expenses incurred to operate as a publicly traded company.

Net loss was (\$73.5) million in 2021, compared to (\$37.1) million in 2020. The increase in net loss was due to higher operating expenses and a \$19.6 million charge to adjust the fair value of the Company's outstanding preferred stock warrants to reflect the initial public offering ("IPO") price. Net loss per share attributable to common shareholders was (\$3.94) in 2021, compared to (\$126.11) in 2020. The number of weighted-average common shares outstanding in the third and fourth quarters this year was materially higher than the comparable periods last year because of the conversion of outstanding preferred stock to common stock in connection with the Company's IPO in July 2021. This difference accounts for a substantial portion of the decrease in net loss per share between the periods.

Cash, cash equivalents and investments were approximately \$203.5 million and the Company had no debt outstanding as of December 31, 2021.

Fourth Quarter Financial Results

Total revenue for the fourth quarter of 2021 was \$5.2 million, compared to \$5.2 million in the fourth quarter of 2020. A breakdown of fourth quarter revenue follows:

- Commercial revenue (combined product and service revenue) was \$4.9 million, compared to \$5.1 million in the fourth guarter of 2020
- Recurring commercial revenue was \$2.3 million, compared to \$1.2 million in the fourth quarter of 2020
- Non-commercial revenue related to the Company's contract with BARDA was \$0.4 million, compared to \$0.1 million in the fourth guarter of 2020
- Placed 3 new systems and completed validation of 16 customer systems

Total cost of commercial revenue was \$7.5 million in the fourth quarter of 2021, compared to \$8.0 million in the fourth quarter of 2020, representing a decrease of 7%. The decrease was largely due to lower system sales volume partially offset by higher consumables sales volume.

Total operating expenses were \$12.0 million in the fourth quarter of 2021, compared to \$6.6 million in the fourth quarter of 2020. The increase was largely due to higher employee-related costs due to increased investment in commercial and product development as well as higher general and administrative expenses incurred to operate as a publicly traded company.

Net loss for the fourth quarter of 2021 was (\$14.6) million, compared to (\$11.3) million in 2020. The increase in net loss was primarily due to higher operating expenses. Net loss per share attributable to common shareholders for the fourth quarter of 2021 was (\$0.35), compared to (\$36.66) in 2020. The number of weighted-average common shares outstanding in the fourth quarter this year was materially higher than the fourth quarter last year because of the conversion of outstanding preferred stock to common stock in connection with the Company's IPO in July 2021. This difference accounts for a substantial portion of the decrease in net loss per share between the periods.

Full Year 2022 Outlook

The Company is reaffirming its prior full year 2022 outlook for commercial revenue of between \$27 million and \$32 million, representing growth of approximately 25% to 50%.

Webcast Details

The Company will host a conference call before the market opens today, March 4, 2022, at 8:30 a.m. EST to discuss its fourth quarter and full year 2021 financial results. The live call is accessible on the Company's website at investors.rapidmicrobio.com and will be archived and available for replay for one year.

About Rapid Micro Biosystems

Rapid Micro Biosystems is an innovative life sciences technology company providing mission critical automation solutions to facilitate the efficient manufacturing and fast, safe release of healthcare products such as biologics, vaccines, cell and gene therapies, and sterile injectables. The Company's flagship Growth Direct system automates and modernizes the antiquated, manual microbial quality control ("MQC") testing workflows used in the largest and most complex pharmaceutical manufacturing operations across the globe. The Growth Direct system brings the quality control lab to the manufacturing floor, unlocking the power of in-line/at-the-line MQC automation to deliver faster results, greater accuracy, increased operational efficiency, better compliance with data integrity regulations, and quicker decision making, that customers rely on to ensure safe and consistent supply of important healthcare products. The Company is headquartered and has U.S. manufacturing in Lowell, Massachusetts, with global locations in Lexington, Massachusetts, Switzerland, Germany, and the Netherlands. For more information, please visit www.rapidmicrobio.com or follow the company on Twitter at @rapidmicrobio or on LinkedIn.

Forward-Looking Statements

This press release includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements contained in this press release that do not relate to matters of historical fact should be considered forward-looking statements, including, but not limited to, statements relating to the Company's full year 2022 commercial revenue outlook range and expected future revenue and growth; acceleration of growth initiatives including expanding our global commercial team and enhancing their capabilities, developing and launching new products and investing in global manufacturing; customer interest in and adoption of the Company's Growth Direct microbial quality control platform; and the timing and impact of the anticipated completion of the Company's contract with BARDA.

In some cases, you can identify forward-looking statements by terminology such as "outlook," "aim," "anticipate," "assume," "believe," "contemplate," "continue," "could," "due," "estimate," "expect," "goal," "intend," "may," "objective," "plan," "predict," "potential," "positioned," "seek," "should," "target," "will," "would" and other similar expressions that are predictions of or indicate future events and future trends, or the negative of these terms or other comparable terminology, although not all forward-looking statements contain these words. Forward-looking statements involve known and unknown risks, uncertainties and assumptions which may cause actual results to differ materially from any results expressed or implied by any forward-looking statement, including, but not limited to, the impact of the pandemic related to COVID-19 and its variants on our business and operations, including placements and validation of new systems; our significant losses since inception; our need to raise additional capital to fund our existing operations; risks related to our revenue historically being primarily generated from sales of our Growth Direct platform, proprietary consumables and laboratory information management system connection software; our ability to manage our future growth effectively; our limited experience in marketing and sales; our need to develop new products and adapt to technological changes; our ability to establish and maintain our position as a leading provider of automated microbial quality control testing; our ability to maintain our manufacturing facility; risks related to third-parties; our ability to retain key management and other employees; risks related to regulatory matters; risks related to our intellectual property; risks related to supply chain disruptions and the impact of inflation; and the other important factors outlined under the caption "Risk Factors" in our prospectus filed July 12, 2021, with the Securities and Exchange Commission ("SEC") pursuant to Rule 424(b), as such factors may be updated from time to time in our other filings with the SEC, which are available on the SEC's website at www.sec.gov and the Investor Relations page of our website at https://investors.rapidmicrobio.com. Although the Company believes that the expectations reflected in its forward-looking statements are reasonable, it cannot guarantee future results. The Company has no obligation, and does not undertake any obligation, to update or revise any forward-looking statement made in this press release to reflect changes since the date of this press release, except as may be required by law.

Investor Contact:

Michael Beaulieu, CFA Vice President, Investor Relations and Corporate Communications investors@rapidmicrobio.com

RAPID MICRO BIOSYSTEMS, INC. Unaudited Condensed Consolidated Statements of Operations (in thousands, except share and per share amounts)

	Three Months Ended December 31,		Year Ended Dec			ember 31,	
		2021	 2020		2021		2020
Revenue:							
Product revenue	\$	2,882	\$ 4,071	\$	15,512	\$	10,992
Service revenue		1,973	1,031		6,125		3,091
Non-commercial revenue		353	136		1,595		1,994
Total revenue		5,208	5,238		23,232		16,077
Costs and operating expenses:							
Cost of product revenue		5,534	7,098		23,434		18,642
Cost of service revenue		1,925	908		5,922		3,386
Cost of non-commercial revenue		335	388		1,617		2,120
Research and development		2,855	1,625		9,781		6,531
Sales and marketing		3,355	1,813		11,815		5,962
General and administrative		5,760	3,121		17,895		9,976
Total costs and operating expenses		19,764	 14,953		70,464		46,617
Loss from operations		(14,556)	(9,715)		(47,232)		(30,540)
Other income (expense):							
Interest expense		(19)	(984)		(2,650)		(3,447)
Change in fair value of preferred stock warrant liability		_	(618)		(19,643)		(69)
Loss on extinguishment of debt		_	_		(3,100)		(2,910)
Other income (expense)		4	(2)		(808)		22
Total other expense, net		(15)	(1,604)		(26,201)		(6,404)
Loss before income taxes		(14,571)	(11,319)		(73,433)		(36,944)
Income tax expense		34	20		91		134
Net loss		(14,605)	(11,339)		(73,524)		(37,078)
Accretion of redeemable convertible preferred stock to							
redemption value		_	(863)		(1,761)		(3,745)
Cumulative redeemable convertible preferred stock							
dividends		_	(1,411)		(2,747)		(4,398)
Net loss attributable to common stockholders — basic and							
diluted	\$	(14,605)	\$ (13,613)	\$	(78,032)	\$	(45,221)
Net loss per share attributable to Class A and Class B							
common stockholders — basic and diluted	\$	(0.35)	\$ (36.66)	\$	(3.94)	\$	(126.11)
Weighted average common shares outstanding — basic and							
diluted		11,858,094	 371,354	_1	19,783,539		358,582

RAPID MICRO BIOSYSTEMS, INC. Unaudited Condensed Consolidated Balance Sheets (in thousands)

	De	2021	December 31, 2020	
Assets				
Current assets:				
Cash and cash equivalents	\$	178,387	\$	30,079
Short-term investments		15,110		14,998
Accounts receivable		5,005		4,988
Inventory		15,671		8,965
Prepaid expenses and other current assets		3,951		3,120
Total current assets		218,124		62,150
Property and equipment, net		11,304		7,052
Long-term investments		9,966		_
Other long-term assets		1,491		695
Restricted cash		284		100
Total assets	\$	241,169	\$	69,997
Liabilities, Redeemable Convertible Preferred Stock and Stockholders' Equity (Deficit)			-	
Current liabilities:				
Accounts payable	\$	3,944	\$	4,468
Accrued expenses and other current liabilities		10,917		6,654
Deferred revenue		3,305		4,423
Total current liabilities		18,166		15,545
Preferred stock warrant liability		_		4,117
Notes payable, net of unamortized discount		_		24,810
Deferred rent, long term		813		705
Other long-term liabilities		1,210		—
Total liabilities		20,189	-	45,177
Redeemable convertible preferred stock		_		151,826
Total stockholders' equity (deficit)		220,980		(127,006)
Total liabilities, redeemable convertible preferred stock and stockholders' equity (deficit)	\$	241,169	\$	69,997

RAPID MICRO BIOSYSTEMS, INC. Unaudited Condensed Consolidated Statements of Cash Flows (in thousands)

Cash flows from operating activities: s 73,524 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$ \$ \$ 73,572 \$ \$ 73,572 \$ \$ 73,572 \$		Year Ended December 31,			ıber 31,	
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