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

,

SCHEDULE 13D

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 1)*

Rapid Micro Biosystems, Inc. (Name of Issuer)

Class A Common Stock, \$0.01 par value per share (Title and Class of Securities)

75340L104 (CUSIP Number)

Anthony Pasqua Kennedy Lewis Management LP 111 W 33rd Street, Suite 1910 New York, NY 10120 (212) 782-3480

Daniel I. Fisher
Akin Gump Strauss Hauer & Feld LLP
One Bryant Park
New York, NY 10036
(212) 872-1000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 26, 2022 (Date of Event Which Requires Filing of Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), Rule 13d-1(f) or Rule 13d-1(g), check the following box.

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7(b) for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes)

(1)	Name of Reporting Persons: Kennedy Lewis Management LP			
(2)		Appropriate Bo	ox if a Member of a Group (See Instructions):	
(3)	SEC Use (Only:		
(4)		Funds (See Inst	ructions):	
	AF			
(5)			gal Proceedings is Required Pursuant to Items 2(d) or 2(e): □	
(6)	Citizenship Delaware	o or Place of Or	rganization:	
]	NUMBER OF SHARES	(7)	Sole Voting Power 5,179,061	
	ENEFICIALLY OWNED BY	(8)	Shared Voting Power 0	
	EACH REPORTING	(9)	Sole Dispositive Power 5,179,061	
	PERSON WITH:	(10)	Shared Dispositive Power 0	
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person: 5,179,061			
(12)	Check if the	ne Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions): □	
(13)	Percent of Class Represented by Amount in Row (11): 14.1%*			
(14)	Type of Re	eporting Person	(See Instructions):	
*	Includes 239,1 exercise of wa		lass A Common Stock of Rapid Micro Biosystems, Inc. (the "Issuer") issuable upon the	

(1)	Name of Re KLM GP L	porting Perso LC	ns:
(2)	Check the A (a) \square (b) \square		ox if a Member of a Group (See Instructions):
(3)	SEC Use Or	nly:	
(4)	Source of F AF	unds (See Ins	tructions):
(5)	Check if Di	sclosure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship Delaware	or Place of O	rganization:
	MBER OF HARES	(7)	Sole Voting Power 5,179,061
BENE	EFICIALLY NED BY	(8)	Shared Voting Power 0
REI	EACH PORTING	(9)	Sole Dispositive Power 5,179,061
	ERSON WITH:	(10)	Shared Dispositive Power 0
(11)	Aggregate <i>A</i> 5,179,061	Amount Benef	ficially Owned by Each Reporting Person:
(12)	Check if the	Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions): □
(13)	Percent of C 14.1%*	Class Represer	nted by Amount in Row (11):
(14)	Type of Rep OO, HC	orting Person	(See Instructions):
*	Includes 239,13	30 shares of C	lass A Common Stock of the Issuer issuable upon the exercise of warrants.

(1)		porting Perso wis Investme	ns: ent Management LLC
(2)	Check the A	ppropriate B	ox if a Member of a Group (See Instructions):
(2)			
(3)	SEC Use Or		· · ·
(4)	AF	unds (See Ins	tructions):
(5)	Check if Dis	sclosure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship Delaware	or Place of O	rganization:
	JMBER OF SHARES	(7)	Sole Voting Power 5,179,061
BEN	EFICIALLY WNED BY	(8)	Shared Voting Power 0
	EACH EPORTING	(9)	Sole Dispositive Power 5,179,061
F	PERSON WITH:	(10)	Shared Dispositive Power 0
(11)	Aggregate <i>A</i> 5,179,061	Amount Benef	ficially Owned by Each Reporting Person:
(12)	Check if the	Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions):
(13)	Percent of C 14.1%*	lass Represer	nted by Amount in Row (11):
(14)	Type of Rep OO, HC	orting Person	(See Instructions):
*	Includes 239,13	30 shares of C	Class A Common Stock of the Issuer issuable upon the exercise of warrants.

(1)	Name of Reporting Persons: Kennedy Lewis Investment Holdings II LLC			
(2)	Check the A	Appropriate Bo	ox if a Member of a Group (See Instructions):	
(2)	(a) □ (b) □			
(3)	SEC Use O	-		
(4)	Source of F	unds (See Inst	ructions):	
(5)	Check if Di	sclosure of Le	gal Proceedings is Required Pursuant to Items 2(d) or 2(e): □	
(6)	Citizenship Delaware	or Place of O	rganization:	
	MBER OF HARES	(7)	Sole Voting Power 5,179,061	
	EFICIALLY /NED BY	(8)	Shared Voting Power 0	
	EACH PORTING	(9)	Sole Dispositive Power 5,179,061	
	ERSON WITH:	(10)	Shared Dispositive Power 0	
(11)	Aggregate <i>A</i> 5,179,061	Amount Benef	icially Owned by Each Reporting Person:	
(12)	Check if the	e Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions): □	
(13)	Percent of C 14.1%*	Class Represer	nted by Amount in Row (11):	
(14)	Type of Rep OO	porting Person	(See Instructions):	
*	Includes 239,13	30 shares of C	lass A Common Stock of the Issuer issuable upon the exercise of warrants.	

(1)		porting Perso wis Capital P	ns: Partners Master Fund II LP
(2)	Check the A	Appropriate Bo	ox if a Member of a Group (See Instructions):
	(a) □ (b) □		
(3)	SEC Use Or	nly:	
(4)	Source of F	unds (See Inst	tructions):
	WC		
(5)	Check if Di	sclosure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship	or Place of O	rganization:
	Cayman Isla	ands	
NU	MBER OF	(7)	Sole Voting Power
5	SHARES		2,274,571
BEN	EFICIALLY	(8)	Shared Voting Power
VO	WNED BY		0
	EACH	(9)	Sole Dispositive Power
RE	PORTING		2,274,571
F	PERSON	(10)	Shared Dispositive Power
	WITH:		0
(11)	Aggregate <i>A</i> 2,274,571	Amount Benef	ficially Owned by Each Reporting Person:
(12)	Check if the	Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions): □
(13)	Percent of C	Class Represer	nted by Amount in Row (11):
	6.2%*	-	
(14)		orting Person	(See Instructions):
*	PN 220.10	20.1	
ጥ	Includes 239,13	30 shares of C	lass A Common Stock of the Issuer issuable upon the exercise of warrants.

(1)	Name of Reporting Kennedy Lewis G		
(2)	Check the Approp (a) \square (b) \square	riate Box	a if a Member of a Group (See Instructions):
(3)	SEC Use Only:		
(4)	Source of Funds (S	See Instru	actions):
(5)	Check if Disclosur	e of Leg	al Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship or Place Delaware	ce of Org	anization:
	MBER OF (MARES	7)	Sole Voting Power 2,274,571
BENE		8)	Shared Voting Power 0
REP	ORTING	9)	Sole Dispositive Power 2,274,571
	ERSON (WITH:	10)	Shared Dispositive Power 0
(11)	Aggregate Amoun 2,274,571	t Benefic	cially Owned by Each Reporting Person:
(12)	Check if the Aggre	egate Am	nount in Row (11) Excludes Certain Shares (See Instructions):
(13)	Percent of Class R 6.2%*	epresent	ed by Amount in Row (11):
(14)	Type of Reporting OO	Person (See Instructions):
*	Includes 239,130 shar	es of Cla	ss A Common Stock of the Issuer issuable upon the exercise of warrants.

(1)	Name of Reporting Persons: Kennedy Lewis Capital Partners Master Fund III LP			
(2)			ox if a Member of a Group (See Instructions):	
(3)	SEC Use Onl	ly:		
(4)	Source of Fu WC	nds (See Ins	tructions):	
(5)	Check if Disc	closure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □	
(6)	Citizenship o Cayman Islar		rganization:	
	NUMBER OF SHARES	(7)	Sole Voting Power 2,904,490	
В	ENEFICIALLY OWNED BY	(8)	Shared Voting Power 0	
	EACH REPORTING	(9)	Sole Dispositive Power 2,904,490	
	PERSON WITH:	(10)	Shared Dispositive Power 0	
(11)	Aggregate As 2,904,490	mount Bene	ficially Owned by Each Reporting Person:	
(12)	Check if the	Aggregate A	amount in Row (11) Excludes Certain Shares (See Instructions): □	
(13)	Percent of Cl 8.0%	ass Represe	nted by Amount in Row (11):	
(14)	Type of Repo PN	orting Persor	n (See Instructions):	

(1)	Name of Reporting Persons: Kennedy Lewis GP III LLC				
(2)	-		ox if a Member of a Group (See Instructions):		
(3)	SEC Use On	ly:			
(4)	Source of Fu AF	inds (See Ins	tructions):		
(5)	Check if Dis	closure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □		
(6)	Citizenship o Delaware	or Place of O	rganization:		
	UMBER OF SHARES	(7)	Sole Voting Power 2,904,490		
	NEFICIALLY WNED BY	(8)	Shared Voting Power 0		
R	EACH EPORTING	(9)	Sole Dispositive Power 2,904,490		
	PERSON WITH:	(10)	Shared Dispositive Power 0		
(11)	Aggregate A 2,904,490	mount Bene	ficially Owned by Each Reporting Person:		
(12)	Check if the	Aggregate A	amount in Row (11) Excludes Certain Shares (See Instructions): □		
(13)	Percent of C 8.0%	lass Represer	nted by Amount in Row (11):		
(14)	Type of Repo	orting Persor	n (See Instructions):		

(1)	Name of Ro	eporting Perso	ns:
	Darren Ric	hman	
(2)			ox if a Member of a Group (See Instructions):
	(a) □ (b) □]	
(3)	SEC Use O	nly:	
(4)	Source of F	unds (See Ins	tructions):
	AF		
(5)	Check if D	isclosure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship	or Place of O	rganization:
	USA		
NU	JMBER OF	(7)	Sole Voting Power
	SHARES _		5,179,061
BEN	NEFICIALLY	(8)	Shared Voting Power
O.	WNED BY		0
	EACH	(9)	Sole Dispositive Power
	EPORTING _		5,179,061
	PERSON	(10)	Shared Dispositive Power
	WITH:		0
(11)	Aggregate 5,179,061	Amount Bene	ficially Owned by Each Reporting Person:
(12)	Check if th	e Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions): □
(13)	Percent of	Class Represer	nted by Amount in Row (11):
	14.1%*		
(14)	Type of Re	porting Person	(See Instructions):
	IN, HC		
*	Includes 239,1	30 shares of C	lass A Common Stock of the Issuer issuable upon the exercise of warrants.

(1)	Name of Repo	orting Perso	ns:
(2)	Check the Ap (a) \square (b) \square	propriate B	ox if a Member of a Group (See Instructions):
(3)	SEC Use Onl	y:	
(4)	Source of Fur AF	nds (See Ins	tructions):
(5)	Check if Disc	losure of Le	egal Proceedings is Required Pursuant to Items 2(d) or 2(e): □
(6)	Citizenship or USA	r Place of O	rganization:
	MBER OF HARES	(7)	Sole Voting Power 5,179,061
BENI	EFICIALLY /NED BY	(8)	Shared Voting Power 0
	EACH PORTING	(9)	Sole Dispositive Power 5,179,061
	ERSON WITH:	(10)	Shared Dispositive Power 0
(11)	Aggregate Ar 5,179,061	mount Bene	ficially Owned by Each Reporting Person:
(12)	Check if the A	Aggregate A	mount in Row (11) Excludes Certain Shares (See Instructions):
(13)	Percent of Cla 14.1%*	ass Represer	nted by Amount in Row (11):
(14)	Type of Repo IN, HC	rting Persor	(See Instructions):
*	Includes 239,130	shares of C	Class A Common Stock of the Issuer issuable upon the exercise of warrants.

AMENDMENT NO. 1 TO THE SCHEDULE 13D

The following constitutes Amendment No. 1 ("Amendment No. 1") to the Schedule 13D filed with the Securities and Exchange Commission ("SEC") by Kennedy Lewis Management LP (the "Adviser"), KLM GP LLC ("KLM"), Kennedy Lewis Investment Management LLC ("Kennedy Lewis Management"), Kennedy Lewis Investment Holdings II LLC ("Holdings II"), Kennedy Lewis Capital Partners Master Fund II LP ("Master Fund II"), Kennedy Lewis GP II LLC ("Fund II GP"), Kennedy Lewis Capital Partners Master Fund III LP ("Master Fund III"), Kennedy Lewis GP III LLC ("Fund III GP"), Darren Richman and David Chene (collectively, the "Reporting Persons") on June 30, 2022. This Amendment No. 1 amends and supplements the Schedule 13D as specifically set forth herein.

All capitalized terms contained herein but not otherwise defined shall have the meanings ascribed to such terms in the Schedule 13D. Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable.

ITEM 4. PURPOSE OF TRANSACTION

Item 4 of this Schedule 13D is supplemented and superseded, as the case may be, as follows:

As previously disclosed on the Schedule 13D filed by the Reporting Persons with the SEC on June 30, 2022, Kennedy Lewis Investment Management made a Non-Binding Proposal to the Board of Directors of the Issuer (the "Board") with respect to a potential offer by one or more funds advised by the Adviser to acquire all of the outstanding shares of Class A Common Stock of the Issuer at a price per share equal to \$5.00 in cash (the "Proposal"). On August 12, 2022, the Issuer announced that the Board had commenced a process to review strategic alternatives and that the Board had rejected the Proposal. In connection with the Issuer's evaluation of strategic alternatives, on August 26, 2022, Kennedy Lewis Investment Management entered into a confidentiality agreement (the "Agreement") with the Issuer with respect to a potential strategic transaction pursuant to which Kennedy Lewis Investment Management agreed to certain non-disclosure and related obligations, subject to certain customary exceptions, that will terminate upon the earliest of: (i) August 26, 2023; and (ii) the date the parties enter into a definitive agreement with respect to a transaction.

The Agreement contains a standstill provision (the "Standstill") that will remain in effect until the earlier of (i) the date of the public announcement by the Issuer that it has entered into a definitive agreement with a third party for a transaction involving a Business Combination (as defined below), (ii) the date of the public announcement by the Issuer that it has terminated its strategic alternatives process and (iii) the date that is the earlier of (1) thirty (30) days prior to the deadline for the submission of shareholder nominations for the Issuer's 2023 annual meeting of stockholders pursuant to the Issuer's Bylaws, and (2) January 23, 2023.

The Standstill, subject to certain customary exceptions, prohibits Kennedy Lewis Investment Management, its affiliates and any of their representatives acting on their behalf from: (a) proposing (i) any merger, consolidation, business combination, tender or exchange offer, purchase of the Issuer's assets or businesses, or similar transactions involving the Issuer or (ii) any recapitalization, restructuring, liquidation or other extraordinary transaction with respect to the Issuer; (b) (i) acquiring any securities of the Issuer (any such transaction involving a majority of the Issuer's outstanding capital stock or consolidated assets, a "Business Combination"), (ii) proposing or seeking any solicitation of proxies or consents to vote any securities of the Issuer or becoming a participant in any such solicitation of proxies or consents, (iii) nominating, proposing the nomination or removal of, or recommending the nomination or removal of, any person as a director of the Issuer, or (iv) making or being the proponent of any shareholder proposal; (c) forming, joining or in any way participating in, acting in concert with, any third party group with respect to any securities of the Issuer or a Business Combination involving the Issuer; (d) demanding a copy of the Issuer's stock ledger, list of shareholders or any other books and records of the Issuer; (e) instituting, soliciting, assisting or joining any litigation, arbitration or other proceeding against or involving the Issuer or any of its current or former directors, trustees or officers in order to take any of the other actions prohibited by the Standstill, subject to certain exceptions; (f) making any public announcement or communication regarding the possibility of any of the events described in the Standstill, or taking any action that could require the Issuer to make a public announcement regarding a potential Business Combination; or (g) requesting the Issuer amend or waive any provision of the Standstill.

ITEM 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER

Item 6 of this Schedule 13D is supplemented and superseded, as the case may be, as follows:

The disclosure in Item 4 is incorporated by reference herein.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated as of August 29, 2022

KENNEDY LEWIS MANAGEMENT LP

By: KLM GP LLC, its general partner

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Chief Operating Officer

KLM GP LLC

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Authorized Person

KENNEDY LEWIS INVESTMENT MANAGEMENT LLC

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Chief Operating Officer

KENNEDY LEWIS INVESTMENT HOLDINGS II LLC

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Authorized Person

KENNEDY LEWIS CAPITAL PARTNERS MASTER FUND II LP

By: Kennedy Lewis GP II LLC, its general partner

By: Kennedy Lewis Investment Holdings II LLC, its managing member

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Authorized Person

KENNEDY LEWIS GP II LLC

By: Kennedy Lewis Investment Holdings II LLC, its managing member

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Authorized Person

KENNEDY LEWIS CAPITAL PARTNERS MASTER FUND III LP

By: Kennedy Lewis GP III LLC, its general partner

By: Kennedy Lewis Investment Holdings II LLC, its managing member

By: <u>/s/ Anthony Pasqua</u>
Name: Anthony Pasqua
Title: Authorized Person

KENNEDY LEWIS GP III LLC

By: Kennedy Lewis Investment Holdings II LLC, its managing member

By: /s/ Anthony Pasqua
Name: Anthony Pasqua
Title: Authorized Person

By: /s/ Darren Richman

By: /s/ David Chene