# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

### **SCHEDULE 13D**

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 5)\*

## Phathom Pharmaceuticals, Inc.

(Name of Issuer)

Common Stock (Title of Class of Securities)

71722W107 (CUSIP Number)

Steve R. Bailey
601 Union Street, Suite 3200
Seattle, WA 98101
Telephone: (206) 621-7200
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

April 13, 2023 (Date of Event Which Requires Filing of This 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 §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. $\Box$

**Note**: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 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 Rep	porting Persons.			
2	Frazier Life Sciences IX, L.P.					
2.	(a)		ppropriate Box if a Member of a Group (See Instructions)  o) ⊠			
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3.	SEC U	SE O	NLY			
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4.	Source	of Fu	nds (See Instructions)			
	WC					
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6.	_	ıship o	or Place of Organization			
0.	Gittizei	omp c	2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			
	Delaw					
		7.	Sole Voting Power			
Nur	nber of		0 shares			
	hares	8.	Shared Voting Power			
	eficially ned by					
I	Each	9.	5,827,415 shares (1) Sole Dispositive Power			
	porting erson	9.	Sole Dispositive rowel			
	Vith:		0 shares			
		10.	Shared Dispositive Power			
			5,827,415 shares (1)			
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person			
10			ares (1) Aggregate Amount in Dev. (11) Eveludes Cortain Shares (See Instructions)			
12.	CHeck	11 tile	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
13.	Percen	t of C	lass Represented by Amount in Row (11)			
	13.4%	(2)				
14.			orting Person (See Instructions)			
	JF	- <b>r</b> '				
	DN					

- (1) Consists of 5,827,415 shares of Common Stock held directly by Frazier Life Sciences IX, L.P. FHMLS IX, L.P. is the general partner of Frazier Life Sciences IX, L.P. and FHMLS IX, L.L.C. is the general partner of FHMLS IX, L.P. Patrick J. Heron and James N. Topper are the members of FHMLS IX, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences IX, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.				
	FHMLS IX, L.P.				
2.	Check (a) □		ppropriate Box if a Member of a Group (See Instructions)  ) ⊠		
3.	SEC U	SE O	NLY		
4.	Source	of Fu	nds (See Instructions)		
	AF				
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.	Citizer	iship c	or Place of Organization		
	Delaw				
		7.	Sole Voting Power		
-	nber of		0 shares		
	hares eficially	8.	Shared Voting Power		
	ned by Each		5,827,415 shares (1)		
Rej	orting	9.	Sole Dispositive Power		
	erson Vith:		0 shares		
		10.	Shared Dispositive Power		
			5,827,415 shares (1)		
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person		
	5,827,415 shares (1)				
12.	Check	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percen	t of C	lass Represented by Amount in Row (11)		
	13.4%				
14.	Type o	f Repo	orting Person (See Instructions)		
	PN				

- (1) Consists of 5,827,415 shares of Common Stock held directly by Frazier Life Sciences IX, L.P. FHMLS IX, L.P. is the general partner of Frazier Life Sciences IX, L.P. and FHMLS IX, L.L.C. is the general partner of FHMLS IX, L.P. Patrick J. Heron and James N. Topper are the members of FHMLS IX, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences IX, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.				
	FHMLS IX, L.L.C.				
2.	Check (a) □		ppropriate Box if a Member of a Group (See Instructions)  o) ☑		
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3.	SEC U	SE O	NLY		
4.	Source	of Fu	nds (See Instructions)		
	AF				
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.	Citizer	iship c	or Place of Organization		
	Delaw	are			
		7.	Sole Voting Power		
-	nber of		0 shares		
	hares eficially	8.	Shared Voting Power		
Ow	ned by		5,827,416 shares (1)		
Rej	Each porting	9.	Sole Dispositive Power		
	erson Vith:		0		
·	viui.	10.	Shared Dispositive Power		
			5,827,416 shares (1)		
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person		
	5,827,416 shares (1)				
12.			Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percen	t of C	lass Represented by Amount in Row (11)		
	13.4%	(2)			
14.			orting Person (See Instructions)		
	00				

- (1) Consists of (i) 5,827,415 shares of Common Stock held directly by Frazier Life Sciences IX, L.P and (ii) 1 share of Common Stock held directly by FHMLS IX, L.L.C. FHMLS IX, L.P. is the general partner of FHMLS IX, L.P. and FHMLS IX, L.L.C. is the general partner of FHMLS IX, L.P. Patrick J. Heron and James N. Topper are the members of FHMLS IX, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences IX, L.P. and FHMLS IX, L.L.C.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.				
	Frazier Life Sciences Public Fund, L.P.				
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) □ (b) ⊠				
3.	SEC U	SE O	NLY		
4.	Source	of Fu	nds (See Instructions)		
	WC				
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.	Citizen	ship c	or Place of Organization		
	Delawa	are			
		7.	Sole Voting Power		
	nber of		0 shares		
	hares eficially	8.	Shared Voting Power		
Ow	ned by Each		2,084,427 shares (1)		
Rep	orting	9.	Sole Dispositive Power		
	erson Vith:		0 shares		
•	V1(11.	10.	Shared Dispositive Power		
			2,084,427 shares (1)		
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person		
	2,084,427 shares (1)				
12.			Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percen	t of C	ass Represented by Amount in Row (11)		
	1 80% (	4.8% (2)			
14.			orting Person (See Instructions)		

- (1) Consists of 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P. FHMLSP, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.				
1.	Name of Reporting Fersons.				
	FHMLSP, L.P.				
2.			ppropriate Box if a Member of a Group (See Instructions)		
	(a) 🗆		o) ⊠		
3.	SEC U	SE O	NLY		
4.	Source	of Fu	nds (See Instructions)		
_	AF	.( D:-	d (I l l l		
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.		shin d	or Place of Organization		
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	Delaw	are			
		7.	Sole Voting Power		
N.T.					
	nber of hares		0 shares		
	eficially	8.	Shared Voting Power		
	ned by		2.004.427 shaves (1)		
I	Each	9.	2,084,427 shares (1) Sole Dispositive Power		
	orting	9.	Sole Dispositive Power		
	erson		0 shares		
V	Vith:	10.	Shared Dispositive Power		
			2,084,427 shares (1)		
11.	Aggre	gate A	mount Beneficially Owned by Each Reporting Person		
	2,084,427 shares (1)				
12.	Check	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
	П				
13.	_	t of C	lass Represented by Amount in Row (11)		
13.	reiceil	i oi C	iass represented by Ambuilt in ROW (11)		
	4.8% (	2)			
14.			orting Person (See Instructions)		
	J1 -	r			
	PN				

- (1) Consists of 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P. FHMLSP, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.					
	FHMLSP, L.L.C.					
2.			ppropriate Box if a Member of a Group (See Instructions)			
۷٠	(a)		ppropriate box if a Member of a Group (See instructions)  ) ⊠			
	(a) <u></u>	(-				
3.	SEC U	SE O	NLY			
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4.	Source	of Fu	nds (See Instructions)			
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5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6.		ship o	or Place of Organization			
	Delaw	are				
		7.	Sole Voting Power			
Nui	nber of		0 shares			
	hares	8.	Shared Voting Power			
	eficially	0.	Shared voting rower			
	ned by		2,084,427 shares (1)			
	Each	9.	Sole Dispositive Power			
	oorting erson					
	Vith:		0			
	,,,,,,,	10.	Shared Dispositive Power			
			2,084,427 shares (1)			
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person			
	2.004.427 -haves (1)					
12.	2,084,427 shares (1) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)					
14.	CHECK	ıı üle	Aggregate Amount in Now (11) Excludes Certain Suales (See mistractions)			
13.	Percen	t of C	lass Represented by Amount in Row (11)			
	4.8% (					
14.						
ı			00			

- (1) Consists of 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P. FHMLSP, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name	of Rep	porting Persons.			
	Frazier Life Sciences XI, L.P.					
2.	Check (a) □		ppropriate Box if a Member of a Group (See Instructions)  o) ⊠			
	(a) ⊔	(ι				
3.	SEC U	SE O	NLY			
4.	Source	of Fu	nds (See Instructions)			
	WC					
5.		if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
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6.	Citizer	iship c	or Place of Organization			
	Delaw	are				
	Delaw	7.	Sole Voting Power			
			ů			
	nber of hares		0 shares			
	eficially	8.	Shared Voting Power			
	ned by		495,310 shares (1)			
	Each porting	9.	Sole Dispositive Power			
	erson					
V	Vith:	10	0 shares			
		10.	Shared Dispositive Power			
			495,310 shares (1)			
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person			
	40F 24	0 -b-	(1)			
12.	495,31		es (1) Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
12.	CHECK	II tile	Aggregate Amount in Now (11) Excludes Certain Shales (See instructions)			
13.	Percen	t of C	lass Represented by Amount in Row (11)			
	1.1% (	2)				
14.			orting Person (See Instructions)			
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	DN					

- (1) Consists of 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P. FHMLS XI, L.P. is the general partner of Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.				
	FHMLS XI, L.P.				
2.	Check (a) □		ppropriate Box if a Member of a Group (See Instructions)  ) ⊠		
3.	SEC U	SE O	NII V		
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4.	Source	of Fu	nds (See Instructions)		
	AF				
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.	Citizer	iship c	or Place of Organization		
	Delaw	are			
		7.	Sole Voting Power		
-	nber of		0 shares		
	hares eficially	8.	Shared Voting Power		
Ow	ned by		495,310 shares (1)		
	Each porting	9.	Sole Dispositive Power		
	erson Vith:		0 shares		
·	v1ti1.	10.	Shared Dispositive Power		
			495,310 shares (1)		
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person		
	495,310 shares (1)				
12.	Check	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percen	t of C	lass Represented by Amount in Row (11)		
	1.1% (	2)			
14.			orting Person (See Instructions)		
	PN				

- (1) Consists of 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P. FHMLS XI, L.P. is the general partner of Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.					
	FHMLS XI, L.L.C.					
2.	Check (a) □		ppropriate Box if a Member of a Group (See Instructions)  o) ⊠			
	(a) ⊔	(I				
3.	SEC U	SE O	NLY			
4	Course	of Eu	ands (See Instructions)			
4.	Source	01 Fu	ilius (See Ilistructions)			
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5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6.	Citizer	iship o	or Place of Organization			
	Delaw	are				
		7.	Sole Voting Power			
Nui	nber of		0 shares			
	hares	8.	Shared Voting Power			
	eficially ned by		10T 240 1 (4)			
I	Each	9.	495,310 shares (1) Sole Dispositive Power			
	porting erson	٥.	Sole Dispositive Fower			
	Vith:	10	0			
		10.	Shared Dispositive Power			
			495,310 shares (1)			
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person			
	495,310 shares (1)					
12.	Check	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
13.	_	t of C	lass Represented by Amount in Row (11)			
	1 10/ /	2)				
14.	1.1% ( Type o		orting Person (See Instructions)			
	-51-0	P				
l	00					

- (1) Consists of 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P. FHMLS XI, L.P. is the general partner of Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

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1.	Name of Reporting Persons.				
	James N. Topper				
2.			opper propriate Box if a Member of a Group (See Instructions)		
۷٠	(a)		ppropriate box if a Member of a Group (see instructions)  ) ⊠		
	(a) L	(1			
3.	SEC U	SE O	VI Y		
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4.	Source	of Fu	nds (See Instructions)		
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5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
	_				
6.	Citizer	ship o	or Place of Organization		
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	United		S Citizen		
		7.	Sole Voting Power		
Nur	nber of		20,952 shares (1)		
	hares	8.	Shared Voting Power		
	eficially	٥.	Online Country Country		
	ned by		8,407,153 shares (1)		
	Each	9.	Sole Dispositive Power		
	oorting erson		•		
	Vith:		20,952 shares (1)		
•	, 1011.	10.	Shared Dispositive Power		
			8,407,153 shares (1)		
11.	Aggreg	gate A	mount Beneficially Owned by Each Reporting Person		
	0.400	.05 1			
4.0	8,428,105 shares (1)				
12.	Cneck	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
	П				
13.	_	t of C	lass Represented by Amount in Row (11)		
13.	I CICCII	. 01 C	auss represented by Annount in Now (11)		
	19.3%	(2)			
14.			orting Person (See Instructions)		
-	J.F	- 1			
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- (1) Consists of (i) 5,827,415 shares of Common Stock held directly by Frazier Life Sciences IX, L.P., (ii) 1 share of Common Stock held directly by FHMLS IX, L.L.C., (iii) 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P., (iv) 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P., (v) 12,596 shares of Common Stock held directly by James Topper, (vi) 3,912 shares of Common Stock held by Topper Group III LLC and (vii) 4,444 shares of Common Stock that are issuable upon the exercise of options held directly by Dr. Topper that are exercisable within 60 days of April 13, 2023. FHMLS IX, L.P. is the general partner of Frazier Life Sciences IX, L.P. and FHMLS IX, L.L.C. is the general partner of FHMLS IX, L.P. Patrick J. Heron and James N. Topper are the members of FHMLS IX, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P. Dr. Topper is a manager of Topper Group III LLC and shares voting and investment power over the shares held by Topper Group III LLC.
- (2) Based on (i) 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023 and (ii) 4,444 shares of Common Stock that are issuable upon the exercise of options held directly by Dr. Topper that are exercisable within 60 days of April 13, 2023.

1.	Name of Reporting Persons.				
	Patrick J. Heron				
2.					
	(a) 🗀	(1			
3.	SEC U	SE O	NLY		
4.	Source	of Fu	nds (See Instructions)		
	AF				
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)		
6.	Citizer	iship c	or Place of Organization		
	United	States	s Citizen		
		7.	Sole Voting Power		
-	nber of		14,937 shares (1)		
	hares eficially	8.	Shared Voting Power		
Ow	ned by Each		8,407,153 shares (1)		
Rep	porting	9.	Sole Dispositive Power		
	erson Vith:		14,937 shares (1)		
		10.	Shared Dispositive Power		
			8,407,153 shares (1)		
11.	Aggre	gate A	mount Beneficially Owned by Each Reporting Person		
	8,422,090 shares (1)				
12.	Check	if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)		
13.	Percen	t of C	lass Represented by Amount in Row (11)		
	19.3%				
14.	Type o	f Repo	orting Person (See Instructions)		
	IN				

- (1) Consists of (i) 5,827,415 shares of Common Stock held directly by Frazier Life Sciences IX, L.P., (ii) 1 share of Common Stock held directly by FHMLS IX, L.L.C., (iii) 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P., (iv) 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P. and (v) 14,937 shares of Common Stock held by The Heron Living Trust 11/30/2004. FHMLS IX, L.P. is the general partner of Frazier Life Sciences IX, L.P. and FHMLS IX, L.L.C. is the general partner of FHMLS IX, L.P. Patrick J. Heron and James N. Topper are the members of FHMLS IX, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences IX, L.P. and FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P. FHMLS XI, L.P. is the general partner of Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P. Mr. Heron is the co-trustee of The Heron Living Trust 11/30/2004 and has voting and investment power over the shares held by The Heron Living Trust 11/30/2004.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1						
1.	Name of Reporting Persons.					
	Albert Cha					
2.	Check the Appropriate Box if a Member of a Group (See Instructions)					
	(a) □ (b) ⊠					
	(-)					
3.	SEC U	SE O	NLY			
4.	Source of Funds (See Instructions)					
_	AF					
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6.	_	chin c	or Place of Organization			
0.	Citizci	isinp (	if Flace of Organization			
	United	State	s Citizen			
		7.	Sole Voting Power			
NI	f					
	nber of hares	_	0 shares			
	eficially	8.	Shared Voting Power			
	ned by		2,084,427 shares (1)			
	Each	9.	Sole Dispositive Power			
	orting	٦.	Sole Dispositive Fower			
	erson Vith:		0 shares			
V	viui:	10.	Shared Dispositive Power			
			1			
			2,084,427 shares (1)			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
4.0	2,084,427 shares (1)					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)					
13.						
	4.8% (2)					
14.	Type of Reporting Person (See Instructions)					
	IN					

- (1) Consists of 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P. FHMLSP, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.					
	James Brush					
2.	Check the Appropriate Box if a Member of a Group (See Instructions)					
	(a) 🗆	(ı				
3.	SEC U	SE O	NLY			
4.	Source of Funds (See Instructions)					
	Jource	0110				
	AF					
5.	Check	if Dis	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6.	Citizer	iship o	or Place of Organization			
	United States Citizen					
<u> </u>		7.	Sole Voting Power			
Nur	nber of		0 shares			
	hares	8.	Shared Voting Power			
	eficially ned by		2,084,427 shares (1)			
	Each	9.	Sole Dispositive Power			
	porting erson					
	Vith:		0 shares			
		10.	Shared Dispositive Power			
			2,084,427 shares (1)			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	2,084,427 shares (1)					
12.						
13.						
	4.00/ (2)					
14.	4.8% (2) Type of Reporting Person (See Instructions)					
17.	Type of Reporting Letoon (over monutenous)					
	IN					

- (1) Consists of 2,084,427 shares of Common Stock held directly by Frazier Life Sciences Public Fund, L.P. FHMLSP, L.P. is the general partner of Frazier Life Sciences Public Fund, L.P. and FHMLSP, L.L.C. is the general partner of FHMLSP, L.P. Patrick J. Heron, James N. Topper, Albert Cha and James Brush are the members of FHMLSP, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences Public Fund, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

1.	Name of Reporting Persons.					
	Daniel Estes					
2.	Check the Appropriate Box if a Member of a Group (See Instructions)  (a) □ (b) ⊠					
3.	SEC USE ONLY					
4.	Source of Funds (See Instructions)					
	AF					
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)					
6.	Citizenship or Place of Organization					
	United States Citizen					
		7.	Sole Voting Power			
-	nber of		0 shares			
	hares eficially	8.	Shared Voting Power			
	ned by Each		495,310 shares (1)			
Rej	orting	9.	Sole Dispositive Power			
	erson Vith:		0 shares			
		10.	Shared Dispositive Power			
			495,310 shares (1)			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	495,310 shares (1)					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)					
13.	Percent of Class Represented by Amount in Row (11)					
	1.1% (2)					
14.	Type of Reporting Person (See Instructions)					
	IN					

- (1) Consists of 495,310 shares of Common Stock held directly by Frazier Life Sciences XI, L.P. FHMLS XI, L.P. is the general partner of Frazier Life Sciences XI, L.P. and FHMLS XI, L.L.C. is the general partner of FHMLS XI, L.P. Patrick J. Heron, James N. Topper and Daniel Estes are the members of FHMLS XI, L.L.C. and therefore share voting and investment power over the shares held by Frazier Life Sciences XI, L.P.
- (2) Based on 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

#### Item 1. Security and Issuer.

This Amendment No. 5 ("Amendment No. 5") to Schedule 13D amends the statement on Schedule 13D filed on November 6, 2019 (the "Original Schedule 13D"), as amended on June 17, 2020, December 23, 2020, August 11, 2022 and May 5, 2023 (the "Prior Amendments", and together with the Original Schedule 13D and this Amendment No. 5, the "Schedule 13D") with respect to the Common Stock of Phathom Pharmaceuticals, Inc. (the "Issuer"), having its principal executive office at 100 Campus Drive, Suite 102, Florham Park, NJ 07932. Except as otherwise specified in Amendment No. 5, all items in the Original Schedule 13D, as amended by the Prior Amendments, are unchanged. All capitalized terms used in this Amendment No. 5 and not otherwise defined herein have the meanings ascribed to such terms in the Original Schedule 13D, as amended by the Prior Amendments.

The Reporting Persons are filing this Amendment No. 5 to report a decrease in the percentage of the class beneficially owned by the Reporting Persons due to an increase in the aggregate number of outstanding securities of the Issuer.

#### Item 5. Interest in Securities of the Issuer

(a) FLS IX is the record owner of the FLS IX Shares. As the sole general partner of FLS IX, FHMLS IX, L.P. may be deemed to beneficially own the FLS IX Shares. As the sole general partner of FHMLS IX, L.P., FHMLS IX, L.L.C. may be deemed to beneficially own the FLS IX Shares. As members of FHMLS IX, L.L.C., each of Topper and Heron may be deemed to beneficially own the FLS IX Shares.

FHMLS IX, L.L.C. is the record owner of the FHMLS IX, L.L.C. Share. As members of FHMLS IX, L.L.C., each of Topper and Heron may be deemed to beneficially own the FHMLS IX, L.L.C. Share.

FLSPF is the record owner of the FLSPF Shares. As the sole general partner of FLSPF, FHMLSP, L.P. may be deemed to beneficially own the FLSPF Shares. As the sole general partner of FHMLSP, L.P., FHMLSP, L.L.C. may be deemed to beneficially own the FLSPF Shares. As members of FHMLSP, L.L.C., each of Topper, Heron, Cha and Brush may be deemed to beneficially own the FLSPF Shares.

FLS XI is the record owner of the FLS XI Shares. As the sole general partner of FLS XI, FHMLS XI, L.P. may be deemed to beneficially own the FLS XI Shares. As the sole general partner of FHMLS XI, L.P., FHMLS XI, L.L.C. may be deemed to beneficially own the FLS XI Shares. As members of FHMLS XI, L.L.C., each of Topper, Heron and Estes may be deemed to beneficially own the FLS XI Shares.

Heron is the beneficial owner of the Heron Shares.

Topper is the beneficial owner of the Topper Shares.

The percentage of outstanding Common Stock of the Issuer, which may be deemed to be beneficially owned by each Reporting Person, is set forth on Line 13 of such Reporting Person's cover sheet. For each Reporting Person other than Topper, such percentage was calculated based on the 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023.

Topper's percentage was calculated based on (i) 43,602,984 shares of Common Stock that were outstanding as of March 30, 2023 as set forth in the Issuer's Schedule 14A filed with the SEC on April 13, 2023 and (ii) 4,444 shares of Common Stock that are issuable upon the exercise of options held directly by Topper that are exercisable within 60 days of April 13, 2023.

#### **SIGNATURES**

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

Date: May 5, 2023

FRAZIER LIFE SCIENCES IX, L.P.

By FHMLS IX, L.P., its general partner

By FHMLS IX, L.L.C., its general partner

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

Date: May 5, 2023

FHMLS IX, L.P.

By FHMLS IX, L.L.C., its general partner

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

Date: May 5, 2023

FHMLS IX, L.L.C.

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

Date: May 5, 2023

FRAZIER LIFE SCIENCES PUBLIC FUND, L.P.

By: FHMLSP, L.P., its General Partner By: FHMLSP, L.L.C., its General Partner

by. Fillings, L.L.C., its deficient

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

Date: May 5, 2023

FHMLSP, L.P.

By: FHMLSP, L.L.C., its General Partner

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

Date: May 5, 2023

FHMLSP, L.L.C.

By: /s/ Steve R. Bailey

Steve R. Bailey, Chief Financial Officer

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Date: May 5, 2023	FRAZIER LIFE SCIENCES XI, L.P. By FHMLS XI, L.P., its general partner By FHMLS XI, L.L.C., its general partner
	By: /s/ Steve R. Bailey Steve R. Bailey, Chief Financial Officer
Date: May 5, 2023	<b>FHMLS XI, L.P.</b> By FHMLS XI, L.L.C., its general partner
	By: /s/ Steve R. Bailey Steve R. Bailey, Chief Financial Officer
Date: May 5, 2023	FHMLS XI, L.L.C.
	By: /s/ Steve R. Bailey Steve R. Bailey, Chief Financial Officer
Date: May 5, 2023	By: * James Topper
Date: May 5, 2023	By: * Patrick Heron
Date: May 5, 2023	By: ** Albert Cha
Date: May 5, 2023	By: ** James Brush
Date: May 5, 2023	By: *** Daniel Estes
Date: May 5, 2023	By: /s/ Steve R. Bailey Steve R. Bailey, as Attorney-in-Fact

This Schedule 13D was executed by Steve R. Bailey on behalf of the individuals listed above pursuant to a Power of Attorney, a copy of which was filed with the SEC on July 31, 2017.

This Schedule 13D was executed by Steve R. Bailey on behalf of the individuals listed above pursuant to a Power of Attorney, a copy of which

was filed with the SEC on August 16, 2021.
This Schedule 13D was executed by Steve R. Bailey on behalf of the individual listed above pursuant to a Power of Attorney, a copy of which was filed with the SEC on April 18, 2022.