# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. )\*

			Graphite Bio, Inc.	
			(Name of Issuer)	
			Common Stock, par value \$0.00001 per share	
			(Title of Class of Securities)	
			38870X104	
			(CUSIP Number)	
			June 29, 2021 (Date of Event Which Requires Filing of this Statement)	
Check the app	propriate b	x to designate the r	rule pursuant to which this Schedule is filed:	
	□ Rule 13d-1(b)			
X	Rule 13	d-1(c)		
	Rule 13	d-1(d)		
*The remaind amendment c	der of this containing i	over page shall be fi formation which w	filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent would alter the disclosures provided in a prior cover page.	
The informat otherwise sub	ion require	in the remainder of iabilities of that sec	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 ction of the Act but shall be subject to all other provisions of the Act (however, see the Notes).	
CUSIP No. 3	38870X10 <sup>2</sup>			
1.		Reporting Persons to Capital, L.P.		
	Samsara 1	iocapitai, E.i .		
2.	Check the	Appropriate Box if	f a Member of a Group (See Instructions)	
	(a)	]	(	
	•	☑ (1)		
	· ′ .	. ,		
3.	SEC Use	nly		
4.	4. Citizenship or Place of Organization Delaware			
	5.	Sole Voting Po	Power	
		0		
Number of				
Shares Beneficially	6.	Shared Voting 7,393,870 shar		
Owned by		7,575,676 31141	103 (2)	
Each Reporting	7.	Sole Dispositiv	ive Power	
Person With		0		
		-		
	8.	Shared Disposi		
		7,393,870 shar	res (Z)	

Aggregate Amount Beneficially Owned by Each Reporting Person 7,393,870 shares (2)  $\,$ 

10.	Check if t	the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)				
11.	f Class Represented by Amount in Row (9)					
12.	2. Type of Reporting Person (See Instructions) PN					
Dr. Srini status as (2) These sh by Sams informat (3) This per reported	ivas Akkar a "group" ares are he ara LP. Ak tion with re centage is in the Issu	is filed by Samsara BioCapital, L.P. ("Samsara LP"), Samsara BioCapital GP, LLC ("Samsara GP"), 436, L.P. ("436 LP"), 436, LLC ("436 LLC") and aju ("Akkaraju") (and together with Samsara LP, Samsara GP, 436 LP and 436 LLC, the "Reporting Persons"). The Reporting Persons expressly disclaim for purposes of this Schedule 13G eld by Samsara LP. Samsara GP is the sole general partner of Samsara LP and may be deemed to have voting and investment power over the securities held exaraju is a managing member of Samsara GP and may be deemed to have voting and dispositive power over the shares held by Samsara LP. The espect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of June 29, 2021. eacliculated based on 58,079,002 shares of Common Stock outstanding as of as of June 29, 2021 upon the closing of the Issuer's initial public offering, as er's prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") on June 28, 2021 pursuant to Rule 424(b)(4) of the 933, as amended.				
CUSIP No. :	38870X10	4				
1.		Reporting Persons BioCapital GP, LLC				
2.	Check the	e Appropriate Box if a Member of a Group (See Instructions)				
	(a)					
	(b)	☑ (1)				
3.	SEC Use	Only				
4.	Citizenship or Place of Organization Delaware					
	5.	Sole Voting Power 0				
Number of Shares Beneficially	6.	Shared Voting Power 7,393,870 shares (2)				
Owned by Each Reporting Person With	7.	Sole Dispositive Power 0				
	8.	Shared Dispositive Power 7,393,870 shares (2)				
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 7,393,870 shares (2)					
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) □					
11.	Percent of Class Represented by Amount in Row (9) 12.7% (3)					
12.	Type of Reporting Person (See Instructions) OO					
1) This Sak	edule 13G	is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G				

This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
 These shares are held by Samsara LP. Samsara GP is the sole general partner of Samsara LP and may be deemed to have voting and investment power over the securities held by Samsara LP. Akkaraju is a managing member of Samsara GP and may be deemed to have voting and dispositive power over the shares held by Samsara LP. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of June 29, 2021.

reported		ulated based on 58,079,002 shares of Common Stock outstanding as of as of June 29, 2021 upon the closing of the Issuer's initial public offering, as a prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") on June 28, 2021 pursuant to Rule 424(b)(4) of the as amended.					
CUSIP No.	38870X104						
1.	Names of Rep 436, L.P.	porting Persons					
2.		opropriate Box if a Member of a Group (See Instructions)					
	(a) □ (b) ⊠						
3.	SEC Use Onl	у					
4.	Citizenship o	r Place of Organization					
	5.	Sole Voting Power 0					
Number of Shares Beneficially	6.	Shared Voting Power 37,753 shares (2)					
Owned by Each Reporting Person With	7.	Sole Dispositive Power 0					
	8.	Shared Dispositive Power 37,753 shares (2)					
9.	Aggregate Ar 37,753 shares	mount Beneficially Owned by Each Reporting Person (2)					
10.	Check if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) □					
11.	Percent of Class Represented by Amount in Row (9) 0.1% (3)						
12.	Type of Reporting Person (See Instructions) PN						
1) This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.  2) These shares are held by 436 LP. 436 LLC is the sole general partner of 436 LP and may be deemed to have voting and investment power over the securities held by 436 LP. Akkaraju is a managing member of 436 LLC and may be deemed to have voting and dispositive power over the shares held by 436 LP. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of June 29, 2021.  3) This percentage is calculated based on 58,079,002 shares of Common Stock outstanding as of as of June 29, 2021 upon the closing of the Issuer's initial public offering, as reported in the Issuer's prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") on June 28, 2021 pursuant to Rule 424(b)(4) of the Securities Act of 1933, as amended.							
CUSIP No.	38870X104						
1.		porting Persons					

Check the Appropriate Box if a Member of a Group (See Instructions)

2.

	(a)	1						
	(b) <u>×</u>							
3.	SEC Use Only							
4.	Citizenship or Place of Organization Delaware							
	5.	Sole Voting Power 0						
Number of Shares Beneficially	6.	Shared Voting Power 37,753 shares (2)						
Owned by Each Reporting Person With	7.	Sole Dispositive Power 0						
	8.	Shared Dispositive Power 37,753 shares (2)						
9.	Aggregate A	amount Beneficially Owned by Each Reporting Person es (2)						
10.	Check if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) □						
11.	Percent of C 0.1% (3)	Class Represented by Amount in Row (9)						
12.	Type of Rep OO	porting Person (See Instructions)						
(2) These sh Akkaraju ownersh (3) This pero reported	This Schedule 13G is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.  These shares are held by 436 LP. 436 LLC is the sole general partner of 436 LP and may be deemed to have voting and investment power over the securities held by 436 LP. Akkaraju is a managing member of 436 LLC and may be deemed to have voting and dispositive power over the shares held by 436 LP. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of June 29, 2021.  This percentage is calculated based on 58,079,002 shares of Common Stock outstanding as of as of June 29, 2021 upon the closing of the Issuer's initial public offering, as reported in the Issuer's prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") on June 28, 2021 pursuant to Rule 424(b)(4) of the Securities Act of 1933, as amended.							
CUSIP No. 3	38870X104							
1.	Names of Reporting Persons Dr. Srinivas Akkaraju							
<ul> <li>2. Check the Appropriate Box if a Member of a Group (See Instructions)</li> <li>(a) □</li> </ul>								
(b) 🗵 (1)								
3.	SEC Use Only							
4.	Citizenship or Place of Organization United States of America							
	5.	Sole Voting Power 0						
Number of Shares Beneficially	6.	Shared Voting Power 7,431,623 shares (2)						
2 chomorally								

Owned by Each Reporting Person With	n	7. Sole 0	Dispositive Power				
			d Dispositive Power ,623 shares (2)				
9.	9. Aggregate Amount Beneficially Owned by Each Reporting Person 7,431,623 shares (2)						
10.	Check	if the Aggreg	ate Amount in Row (9) Excludes Certain Shares (See Instructions)				
11.	Percen		resented by Amount in Row (9)				
12.	Type o	of Reporting I	erson (See Instructions)				
power o LP. The (3) This per reported	ver the sinformatic informatic in the I less Act o	securities held ation with res is calculated ssuer's prosp f 1933, as am					
	(a)	Name of Iss Graphite Bi					
	(b)	279 East Gr	ssuer's Principal Executive Offices nd Avenue, Suite 430 ancisco, CA 94080				
Item 2.							
11cm 2.	(a)	Name of Person Filing Samsara BioCapital, L.P. ("Samsara LP") Samsara BioCapital GP, LLC ("Samsara GP") 436, L.P. ("436 LP") 436, LLC ("436 LLC") Srinivas Akkaraju ("Akkaraju")					
	(b)	(b) Address of Principal Business Office or, if none, Residence c/o Samsara BioCapital, LLC 628 Middlefield Road Palo Alto, CA 94301					
	(c)	Citizenship Entities:	Samsara LP - Delaware Samsara GP - Delaware 436, L.P Delaware 436, LLC - Delaware  Akkaraju - United States of America				
	(d)	Title of Cla	s of Securities				
	(e)	CUSIP Nur					
		38870X104					
Item 3.	If thi	s statement i	filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:				

Not applicable.

#### Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

		Sole	Shared	Sole	Shared		
	Shares Held	Voting	Voting	Dispositive	Dispositive	Beneficial	Percentage
Reporting Persons	Directly	Power	Power	Power	Power	Ownership	of Class (5)
Samsara LP (1) (2)	7,393,870		7,393,870		7,393,870	7,393,870	12.7%
Samsara GP (1) (2)			7,393,870		7,393,870	7,393,870	12.7%
436 LP (3) (4)	37,753		37,753		37,753	37,753	0.1%
436 LLC (3) (4)			37,753		37,753	37,753	0.1%
Akkaraju (1) (2) (3) (4)			7,431,623		7,431,623	7,431,623	12.8%

- (1) Includes 7.393.870 shares of Common Stock held by Samsara LP.
- (2) Samsara GP is the sole general partner of Samsara LP and may be deemed to have voting and investment power over the securities held by Samsara LP. Akkaraju is a managing member of Samsara GP and may be deemed to have voting and dispositive power over the shares held by Samsara LP.
- (3) Includes 37,753 shares of Common Stock held by 436 LP.
- (4) 436 LLC is the sole general partner of 436 LP and may be deemed to have voting and investment power over the securities held by 436 LP. Akkaraju is a managing member of 436 LLC and may be deemed to have voting and dispositive power over the shares held by 436 LP.
- (5) This percentage is calculated based on 58,079,002 shares of Common Stock outstanding as of as of June 29, 2021 upon the closing of the Issuer's initial public offering, as reported in the Issuer's prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") on June 28, 2021 pursuant to Rule 424(b)(4) of the Securities Act of 1933, as amended.

### Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following  $\Box$ .

## Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

# Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

### Item 10. Certification

By signing below, each of the undersigned certifies that, to the best of their knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

### Signature

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.

Dated: July 9, 2021

Samsara BioCapital, L.P.. Samsara BioCapital GP, LLC

By: Samsara BioCapital GP, LLC

its General Partner

By: /s/ Srinivas Akkaraju By: /s/ Srinivas Akkaraju

Name: Srinivas Akkaraju
Title: Managing Member

Name: Srinivas Akkaraju Title: Managing Member

436, L.P. 436, LLC

By: 436, LLC its General Partner

By: /s/ Srinivas Akkaraju By: /s/ Srinivas Akkaraju

Name: Srinivas Akkaraju Name: Srinivas Akkaraju

	/s/ Srinivas Akkaraju	<u> </u>				
	Srinivas Akkaraju					
		ATTENTION				
	Intentional misstatements or omissions of fact c	onstitute Fede	ral Criminal Violations (See 18 U.S.C. 1001).			
	THE CO					
Exhi	lbit(s):					
A - J	oint Filing Statement					
		WHIDIT A				
	E	XHIBIT A				
	JOINT FIL	LING STATEM	IENT			
We, t	the undersigned, hereby express our agreement that the attached Schedule 13G lf of each of us.	(or any amend	ments thereto) relating to the Common Stock of Graphite Bio, Inc. is filed on			
Date	d: July 9, 2021					
Sams	sara BioCapital, L.P	Sams	Samsara BioCapital GP, LLC			
By:	Samsara BioCapital GP, LLC					
its	General Partner					
By:	/s/ Srinivas Akkaraju	By:	/s/ Srinivas Akkaraju			
	Name: Srinivas Akkaraju Title: Managing Member		Name: Srinivas Akkaraju Title: Managing Member			
436,	L.P.	436, 1	LLC			
By:	436, LLC General Partner					
its	General Partner					
By:	/s/ Srinivas Akkaraju Name: Srinivas Akkaraju	By:	/s/ Srinivas Akkaraju Name: Srinivas Akkaraju			
	Title: Managing Member		Title: Managing Member			
	/s/ Srinivas Akkaraju					
	Srinivas Akkaraju					

Title: Managing Member

Title: Managing Member