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

SCHEDULE 13G*

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO § 240.13d-2 (Amendment No...)*

(Amendment No)*
Aerovate Therapeutics, Inc.
(Name of Issuer)
Common stock, par value \$0.0001 per share
(Title of Class of Securities)
008064107
(CUSIP Number)
July 2, 2021
(Date of Event Which Requires Filing of the Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
□ Rule 13d-1(b)
⊠ Rule 13d-1(c) □ Rule 13d-1(d)
□ Rule 13d-1(d)
*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 the disclosures provided in a prior cover page.
The information required in 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).

CUSIP No. 008064107		.07	13G	Page 2 of 13 Pages			
1	NAME OF REPO	RTING PI	ERSONS				
	Citadel Advisors	LLC					
			TE BOX IF A MEMBER OF A GROUP				
				(b) 🗆			
3.	SEC USE ONLY						
4.	CITIZENSHIP OF	R PLACE	OF ORGANIZATION				
	Delaware						
	NUMBER OF SHARES		SOLE VOTING POWER				
			0				
			SHARED VOTING POWER				
BENEFICIALLY OWNED BY EACH			1,613,831 shares				
		7.	SOLE DISPOSITIVE POWER				
	REPORTING PERSON		0				
WITH		8.	SHARED DISPOSITIVE POWER				
			See Row 6 above				
9.	AGGREGATE AM	MOUNT E	ENEFICIALLY OWNED BY EACH REPORTING PERSON				
	See Row 6 above						
10.	CHECK IF THE A	AGGREGA	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
11.	PERCENT OF CL	ERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					

 $6.6\%\frac{1}{}$

IA; OO; HC

12.

TYPE OF REPORTING PERSON

¹ The percentages reported in this Schedule 13G are based upon 24,410,393 shares of common stock outstanding (according to the issuer's final prospectus as filed with the Securities and Exchange Commission on June 30, 2021). Except as described in the preceding sentence, all share numbers for the holdings of the reporting persons reported in this Schedule 13G are as of the opening of the market on July 12, 2021.

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1.	NAME OF REPORTING PERSONS							
	Citadel Advisors I	Citadel Advisors Holdings LP						
2.	CHECK THE APP	ROPRIA	TE BOX IF A MEMBER OF A GROUP					
				(a) (b)				
				(0)				
3.	SEC USE ONLY							
4.	CITIZENSHIP OR	PLACE	OF ORGANIZATION					
	Delaware							
		5.	SOLE VOTING POWER					
			0					
ľ	NUMBER OF SHARES BENEFICIALLY		SHARED VOTING POWER					
			1,613,831 shares					
OWNED BY EACH REPORTING PERSON		7.	SOLE DISPOSITIVE POWER					
	WITH		SHARED DISPOSITIVE POWER					
		8.						
	Т		See Row 6 above					
9.	AGGREGATE AM	IOUNT E	BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	See Row 6 above	See Row 6 above						
10.	CHECK IF THE A	GGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		_			
11.	PERCENT OF CLA	ASS REP	RESENTED BY AMOUNT IN ROW (9)					
	6.6%							
12.	TYPE OF REPORT	ΓING PF	RSON					
1	PN: HC							

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1.	NAME OF REPORTING PERSONS						
	Citadel GP LLC						
2.	2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
3.	SEC USE ONLY						
4.	CITIZENSHIP OR	PLACE	OF ORGANIZATION				
	Delaware						
		5.	SOLE VOTING POWER				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON			0				
		6.	SHARED VOTING POWER				
			1,613,831 shares				
		7.	SOLE DISPOSITIVE POWER				
			0				
	WITH	8.	SHARED DISPOSITIVE POWER				
			See Row 6 above				
9.	AGGREGATE AM	OUNT E	ENEFICIALLY OWNED BY EACH REPORTING PERSON				
	See Row 6 above						
10.	CHECK IF THE A	GGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
11.	PERCENT OF CLA	ASS REP	RESENTED BY AMOUNT IN ROW (9)				
	6.6%						
12.	TYPE OF REPORT	ING PE	RSON				
	00; HC	OO; HC					

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1.	NAME OF REPORTING PERSONS						
	Citadel Securities LLC						
2.	2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
3.	SEC USE ONLY						
4.	CITIZENSHIP OR	PLACE	OF ORGANIZATION				
	Delaware						
		5.	SOLE VOTING POWER				
			0				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON		6.	SHARED VOTING POWER				
			11,343 shares				
		7.	SOLE DISPOSITIVE POWER				
			0				
	WITH	8.	SHARED DISPOSITIVE POWER				
			See Row 6 above				
9.	AGGREGATE AM	OUNT E	ENEFICIALLY OWNED BY EACH REPORTING PERSON				
	See Row 6 above						
10.	CHECK IF THE A	GGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
11.	PERCENT OF CLA	ASS REP	RESENTED BY AMOUNT IN ROW (9)				
	Less than 0.1%						
12.	TYPE OF REPORT	TING PE	RSON				
	BD; OO	BD; OO					

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1.	1. NAME OF REPORTING PERSONS						
	CALC IV LP						
			TE BOX IF A MEMBER OF A GROUP		(a) (b)		
3.	SEC USE ONLY						
4.	CITIZENSHIP OR	PLACE	OF ORGANIZATION				
	Delaware						
		5.	SOLE VOTING POWER				
NUMBER OF SHARES			0				
		6.	SHARED VOTING POWER				
	BENEFICIALLY OWNED BY EACH REPORTING		11,343 shares				
]			SOLE DISPOSITIVE POWER				
PERSON			0				
	WITH		SHARED DISPOSITIVE POWER				
			See Row 6 above				
9.	AGGREGATE AM	IOUNT E	BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	See Row 6 above						
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CL	ASS REP	PRESENTED BY AMOUNT IN ROW (9)				
	Less than 0.1%						
12.	TYPE OF REPOR	TING PE	RSON				
	PN; HC						

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1.	NAME OF REPORTING PERSONS						
	Citadel Securities GP LLC						
2.	2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP						
3.	SEC USE ONLY						
4.	CITIZENSHIP OR	PLACE	OF ORGANIZATION				
	Delaware						
		5.	SOLE VOTING POWER				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON			0				
		6.	SHARED VOTING POWER				
			11,343 shares				
		7.	SOLE DISPOSITIVE POWER				
			0				
	WITH	8.	SHARED DISPOSITIVE POWER				
			See Row 6 above				
9.	AGGREGATE AM	OUNT E	ENEFICIALLY OWNED BY EACH REPORTING PERSON				
	See Row 6 above						
10.	CHECK IF THE A	GGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
11.	PERCENT OF CLA	ASS REP	RESENTED BY AMOUNT IN ROW (9)				
	Less than 0.1%						
12.	TYPE OF REPORT	ING PE	RSON				
	OO; HC	OO; HC					

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1.	. NAME OF REPORTING PERSONS					
Kenneth Griffin						
2.	2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP				(-)	
3.	SEC USE ONLY					
4.	4. CITIZENSHIP OR PLACE OF ORGANIZATION					
	U.S. Citizen					
		5.	SOLE VOTING POWER			
	NUMBER OF		0			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6.	SHARED VOTING POWER			
			1,625,174 shares			
		7.	SOLE DISPOSITIVE POWER			
			0			
		8.	SHARED DISPOSITIVE POWER			
			See Row 6 above			
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	See Row 6 above					
10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	6.7%					
12.	TYPE OF REPORTING PERSON					
	IN; HC					

Item 1(a). Name of Issuer:

Aerovate Therapeutics, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

200 Berkeley Street, Floor 18, Boston, Massachusetts 02116

Item 2(a). Name of Person Filing:

This Schedule 13G is being jointly filed by Citadel Advisors LLC ("Citadel Advisors"), Citadel Advisors Holdings LP ("CAH"), Citadel GP LLC ("CGP"), Citadel Securities LLC ("Citadel Securities"), CALC IV LP ("CALC4"), Citadel Securities GP LLC ("CSGP") and Mr. Kenneth Griffin (collectively with Citadel Advisors, CAH, CGP, Citadel Securities, CALC4 and CSGP, the "Reporting Persons") with respect to shares of common stock of the above-named issuer owned by Citadel Multi-Strategy Equities Master Fund Ltd., a Cayman Islands company ("CM"), and Citadel Securities.

Citadel Advisors is the portfolio manager for CM. CAH is the sole member of Citadel Advisors. CGP is the general partner of CAH. CALC4 is the non-member manager of Citadel Securities. CSGP is the general partner of CALC4. Mr. Griffin is the President and Chief Executive Officer of CGP, and owns a controlling interest in CGP and CSGP.

The filing of this statement shall not be construed as an admission that any of the Reporting Persons is the beneficial owner of any securities covered by the statement other than the securities actually owned by such person (if any).

Item 2(b). Address of Principal Business Office or, if none, Residence:

The address of the principal business office of each of the Reporting Persons is 131 S. Dearborn Street, 32nd Floor,

Chicago, Illinois 60603.

Item 2(c). Citizenship:

Each of Citadel Advisors, CGP, Citadel Securities and CSGP is organized as a limited liability company under the laws of the State of Delaware. Each of CALC4 and CAH is organized as a limited partnership under the laws of the State of

Delaware. Mr. Griffin is a U.S. citizen.

Item 2(d). Title of Class of Securities:

Common stock, par value \$0.0001 per share

Item 2(e). CUSIP Number:

008064107

Item 3.

If this statement is filed pursuant to §§ 240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

(a)	Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780);
(b)	Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
(c)	Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
(d)	Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
(e)	An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
(f)	An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
(g)	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
(h)	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i)	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the
	Investment Company Act (15 U.S.C. 80a-3);
(j)	A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);
(k)	Group, in accordance with § 240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4.

Ownership:

- A. Citadel Advisors LLC, Citadel Advisors Holdings LP and Citadel GP LLC
 - (a) Each of Citadel Advisors LLC, Citadel Advisors Holdings LP and Citadel GP LLC may be deemed to beneficially own 1,613,831 shares of common stock.
 - (b) The number of shares that each of Citadel Advisors LLC, Citadel Advisors Holdings LP and Citadel GP LLC may be deemed to beneficially own constitutes approximately 6.6% of the common stock outstanding.
 - (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 1,613,831
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 1,613,831

- B. Citadel Securities LLC
 - (a) Citadel Securities LLC may be deemed to beneficially own 11,343 shares of common stock.
 - (b) The number of shares that Citadel Securities LLC may be deemed to beneficially own constitutes less than 0.1% of the common stock outstanding.
 - (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 11,343
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 11,343
- C. CALC IV LP and Citadel Securities GP LLC
 - (a) Each of CALC IV LP and Citadel Securities GP LLC may be deemed to beneficially own 11,343 shares of common stock.
 - (b) The number of shares that each of CALC IV LP and Citadel Securities GP LLC may be deemed to beneficially own constitutes less than 0.1% of the common stock outstanding.
 - (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 11,343
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 11,343

D. Kenneth Griffin

- (a) Mr. Griffin may be deemed to beneficially own 1,625,174 shares of common stock.
- (b) The number of shares that Mr. Griffin may be deemed to beneficially own constitutes approximately 6.7% of the common stock outstanding.
- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 1,625,174
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 1,625,174

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 5 percent of the class of securities, check the following.

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: See Item 2 above

Item 8. Identification and Classification of Members of the Group:

Not Applicable

Item 9. Notice of Dissolution of Group:

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my 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.

SIGNATURE

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

Dated this 12th day of July, 2021.

CITADEL SECURITIES LLC

By: /s/ Guy Miller
Guy Miller, Authorized Signatory

CITADEL ADVISORS LLC

By: /s/ Gregory Johnson

Gregory Johnson, Authorized Signatory

CALC IV LP

By: /s/ Guy Miller

Guy Miller, Authorized Signatory

CITADEL ADVISORS HOLDINGS LP

By: /s/ Gregory Johnson
Gregory Johnson, Authorized Signatory

CITADEL SECURITIES GP LLC

By: /s/ Guy Miller

Guy Miller, Authorized Signatory

CITADEL GP LLC

By: /s/ Gregory Johnson

Gregory Johnson, Authorized Signatory

KENNETH GRIFFIN

By: /s/ Gregory Johnson

Gregory Johnson, attorney-in-fact*

^{*} Gregory Johnson is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Advisors LLC on Schedule 13G for Jaws Acquisitions Corp. on February 1, 2021.

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on Schedule 13G filed herewith (and any amendments thereto), relating to the common stock of Aerovate Therapeutics, Inc., a Delaware corporation, is being filed jointly with the Securities and Exchange Commission pursuant to Rule 13d-1(c) under the Securities Exchange Act of 1934, as amended, on behalf of each of the undersigned.

This Agreement may be executed in counterparts and each of such counterparts taken together shall constitute one and the same instrument.

Dated this 12th day of July, 2021.

CITADEL SECURITIES LLC	CITADEL ADVISORS LLC
By: /s/ Guy Miller Guy Miller, Authorized Signatory	By: /s/ Gregory Johnson Gregory Johnson, Authorized Signatory
CALC IV LP	CITADEL ADVISORS HOLDINGS LP
By: /s/ Guy Miller Guy Miller, Authorized Signatory	By: /s/ Gregory Johnson Gregory Johnson, Authorized Signatory
CITADEL SECURITIES GP LLC	CITADEL GP LLC
By: /s/ Guy Miller Guy Miller, Authorized Signatory	By: /s/ Gregory Johnson Gregory Johnson, Authorized Signatory
	KENNETH GRIFFIN
	By: /s/ Gregory Johnson Gregory Johnson, attorney-in-fact*

Gregory Johnson is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Advisors LLC on Schedule 13G for Jaws Acquisitions Corp. on February 1, 2021.