SEC For	m 4 FORM	4	UNITED	) STA	TES	S SE	ECUR	ITIE	ES AND	EXCHA		СОММ	SSION					
						Washington, D.C. 20549									OMB APPROVAL			
Section 16. Form 4 or Form 5 obligations may continue. See					d purs	NT OF CHANGES IN BENEFICIAL OWNER Pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940								OMB Numb Estimated at hours per re			0.5	
1. Name and Address of Reporting Person* <u>VON RICKENBACH JOSEF H</u>									ker or Tradin RAPEU		N] (Ch	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner						
(Last) (First) (Middle) C/O AILERON THERAPEUTICS, INC.						3. Date of Earliest Transaction (Month/Day/Year) 06/15/2021								Officer (give title Other (specify below) below)				
285 SUMMER STREET, SUITE 101					4.1	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual Line)									l or Joint/Group Filing (Check Applicable			
(Street)	(Street) BOSTON MA 02210					X Form filed by Or									One Reporting Person Nore than One Reporting			
(City)																		
		Tab	ole I - Nor	n-Deriva	ative	e Se	curities	s Ac	quired, D	isposed	of, or Be	neficial	ly Owned					
1. Title of Security (Instr. 3) 2. Transa Date (Month/D					ear)   I	2A. Deemed Execution Date if any (Month/Day/Yea		Code (In	ion Dispose			Beneficia Owned F	s Form Ily (D) c ollowing (I) (II		n: Direct or Indirect Instr. 4)	7. Nature of Indirect Beneficial Ownership		
								Code \	/ Amount	(A) o (D)	r Price	Reported Transact (Instr. 3 a	ion(s)			(Instr. 4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date, T	ransaction ode (Instr.		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exer Expiration E (Month/Day/	ate	of Securities		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				c	code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$1.29	06/15/2021			A		96,000		(1)	06/14/2031	Common Stock	96,000	\$0.00	96,00	00	D		

Explanation of Responses:

1. This option was granted on June 15, 2021. The shares underlying the option are scheduled to vest in full on the earlier of (i) June 15, 2022 or (ii) the date of the Issuer's 2022 Annual Meeting of Stockholders.

## /s/ Richard Wanstall, attorneyin-fact for Josef H. von 06/17/2021

<u>Rickenbach</u>

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.