

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Peloso Paul</u>			2. Issuer Name and Ticker or Trading Symbol <u>ACELYRIN, Inc. [SLRN]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Medical Officer</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/09/2023</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
C/O ACELYRIN, INC. 4149 LIBERTY CANYON RD.			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	(City)	(State)	(Zip)	Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.				
AGOURA HILLS	CA	91301						

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/09/2023		P		6,000 ⁽¹⁾	A	\$18	6,000	D	

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 Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$0.7683	05/09/2023		j ⁽²⁾			173,681	(3)	07/25/2031	Class A Common Stock ⁽²⁾	173,681	\$0.00	0	D	
Employee Stock Option (right to buy)	\$0.7683	05/09/2023		j ⁽²⁾		173,681		(3)	07/25/2031	Common Stock ⁽²⁾	173,681	\$0.00	173,681	D	
Employee Stock Option (right to buy)	\$4.0426	05/09/2023		j ⁽²⁾		156,500		(4)	01/19/2032	Class A Common Stock ⁽²⁾	156,500	\$0.00	0	D	
Employee Stock Option (right to buy)	\$4.0426	05/09/2023		j ⁽²⁾		156,500		(4)	01/19/2032	Common Stock ⁽²⁾	156,500	\$0.00	156,500	D	
Employee Stock Option (right to buy)	\$5.8766	05/09/2023		j ⁽²⁾		187,988		(5)	11/20/2032	Class A Common Stock ⁽²⁾	187,988	\$0.00	0	D	
Employee Stock Option (right to buy)	\$5.8766	05/09/2023		j ⁽²⁾		187,988		(5)	11/20/2032	Common Stock ⁽²⁾	187,988	\$0.00	187,988	D	
Employee Stock Option (right to buy)	\$18	05/09/2023		j ⁽²⁾		154,957		(6)	05/03/2033	Class A Common Stock ⁽²⁾	154,957	\$0.00	0	D	
Employee Stock Option (right to buy)	\$18	05/09/2023		j ⁽²⁾		154,957		(6)	05/03/2033	Common Stock ⁽²⁾	154,957	\$0.00	154,957	D	

Explanation of Responses:

- Reflects shares purchased through a directed share program in the Issuer's initial public offering of Common Stock (the "IPO").
- Each share of Class A Common Stock was reclassified into one share of Common Stock immediately prior to the completion of the IPO.
- 1/4 of the shares subject to the option vested on May 16, 2022 and 1/48 of the shares subject to the option vests in equal monthly installments thereafter, subject to the Reporting Person's continued service.
- 1/4 of the shares subject to the option vested on January 20, 2023, and 1/48 of the shares subject to the option vest in equal monthly installments thereafter, subject to the Reporting Person's continued service.
- 1/4 of the shares subject to the option vest on November 17, 2023, and 1/48 of the shares subject to the option vests in equal monthly installments thereafter, subject to the Reporting Person's continued service.
- 1/4 of the shares subject to the option vest on May 4, 2024, and 1/48 of the shares subject to the option vest in equal monthly installments thereafter, subject to the Reporting Person's continued service.

Remarks:

/s/ Mina Kim, Attorney-in-fact 05/11/2023

** 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.