

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan for
the purchase or sale of equity securities
of the issuer that is intended to satisfy
the affirmative defense conditions of
Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Berkowitz Noah</u> (Last) (First) (Middle) <u>C/O IOVANCE BIOTHERAPEUTICS, INC.</u> <u>300 ROUSE BLVD.</u> (Street) <u>PHILADELPHIA PA</u> <u>19112</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>IOVANCE BIOTHERAPEUTICS, INC. [</u> <u>IOVA]</u> Foreign Trading Symbol 3. Date of Earliest Transaction (Month/Day/Year) <u>09/30/2026</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chief Medical Officer</u> 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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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	

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				
Stock Options (Right to Buy)	\$14.82	09/30/2026		A	135,000	(1) 09/30/2036	Common stock 135,000	\$0.00	135,000	D	
Restricted Stock Units	(2)	09/30/2026		A	180,000	(1) (1)	Common stock 180,000	\$0.00	180,000	D	
Performance Stock Units	(3)	09/30/2026		A	135,000 ⁽⁴⁾	(5) (5)	Common stock 135,000	\$0.00	135,000	D	

Explanation of Responses:

1. Provided the Reporting Person is still employed with the Issuer on the following dates, the restricted stock units ("RSUs") and options are each exercisable as follows: (i) RSUs and options for the purchase of one-third of such shares shall vest on the one-year anniversary of the date of grant; and (ii) the remaining RSUs and options shall vest in eight equal quarterly installments over the next two years, commencing with the first quarter following the first anniversary of the date of grant.
2. Each RSU represents a contingent right to receive one share of the Issuer's common stock.
3. Each performance stock unit ("PSU") converts into one share of the Issuer's common stock.
4. Up to 135,000 shares of the Issuer's common stock underlying the PSUs may be earned subject to achievement of certain regulatory milestones.
5. Such earned PSUs shall vest on the date that the Issuer publicly discloses on a Form 8-K with the U.S. Securities and Exchange Commission its receipt of certain regulatory milestones.

/s/ Noah Berkowitz 10/02/2026
** 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.