

# FORM 4

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

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).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person <b>Perlysky Dov</b>	2. Issuer Name and Ticker or Trading Symbol <b>ENZO BIOCHEM INC [ENZ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner Officer (give title below) <input type="checkbox"/> Other (specify below)
(Last) (First) (Middle) <b>C/O ENZO BIOCHEM, INC., 527 MADISON AVENUE</b>	3. Date of Earliest Transaction (Month/Day/Year) <b>10/18/2018</b>	
(Street) <b>NEW YORK, NY 10022</b>	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(City) (State) (Zip)	<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>	

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	10/18/2018		P		10,000	A	\$ 3.5	266,235 (1)	D	
Common Stock								523,457	I	See footnotes (2) (3) (4) (5) (6) (7)

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

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**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)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Perlysky Dov C/O ENZO BIOCHEM, INC. 527 MADISON AVENUE NEW YORK, NY 10022	X			

## Signatures

/s/ Dov Perlysky

10/22/2018

Signature of Reporting Person

Date

## Explanation of Responses:

\* 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).

- (1) Includes 218,816 vested options.
- (2) Includes 45,000 Common Stock owned by Sky Ventures LLC, whose manager is Dov Perlysky and of which Dov Perlysky disclaims beneficial ownership.
- (3) Includes 109,237 Common Stock owned by RSD 2010 Enzo GRAT, whose trustee is Dov Perlysky and of which Dov Perlysky disclaims beneficial ownership.
- (4) Includes 325,875 Common Stock held by Kinder Investment LP, an entity of which Dov Perlysky is the Managing Member of the General Partner and of which Dov Perlysky disclaims beneficial ownership.
- (5) Includes 6,981 Common Stock held by Krovim LLC, an entity of which Dov Perlysky is the Managing Member of the General Partner, and children of Dov Perlysky own a 27.54% interest, and of which Dov Perlysky disclaims beneficial ownership.
- (6) Includes 3,225 Common Stock held by MidAtlantic Capital Lending LLC, an entity of which Dov Perlysky owns 1% and of which Dov Perlysky disclaims beneficial ownership.
- (7) Includes 33,139 Common Stock held by Laya Perlysky, of which Dov Perlysky disclaims beneficial ownership and of which Dov Perlysky disclaims beneficial ownership.

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

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