

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>Kowolenko Michael</u> (Last) (First) (Middle) 14 CAMBRIDGE CENTER (Street) CAMBRIDGE MA 02142 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>BIOPEN IDEC INC. [BIIB]</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>SVP, Pharm Ops & Technology</u>
	3. Date of Earliest Transaction (Month/Day/Year) 07/25/2007	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	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

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	07/25/2007		M ⁽¹⁾		3,450	A	\$42.12	21,573.856 ⁽²⁾	D	
Common Stock	07/25/2007		M ⁽¹⁾		4,356	A	\$37.45	25,929.856	D	
Common Stock	07/25/2007		M ⁽¹⁾		8,438	A	\$43.5	34,367.856	D	
Common Stock	07/25/2007		M ⁽¹⁾		4,263	A	\$44.24	38,630.856	D	
Common Stock	07/25/2007		S ⁽¹⁾		20,507	D	\$58	18,123.856	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
Stock Option (Right to buy)	\$42.12	07/25/2007		M ⁽¹⁾			3,450	(3)	04/01/2012	Common Stock	3,450	(4)	3,450	D	
Stock Option (Right to buy)	\$37.45	07/25/2007		M ⁽¹⁾			4,356	(5)	12/06/2012	Common Stock	4,356	(4)	4,355	D	
Stock Option (Right to buy)	\$43.5	07/25/2007		M ⁽¹⁾			8,438	(6)	02/06/2014	Common Stock	8,438	(4)	14,062	D	
Stock Option (Right to buy)	\$44.24	07/25/2007		M ⁽¹⁾			4,263	(7)	02/06/2016	Common Stock	4,263	(4)	29,837	D	

Explanation of Responses:

- Exercise/sale pursuant to a trading plan intended to comply with Rule 10b5-1 of the Securities Exchange Act of 1934.
- Includes 117,9266 shares acquired on March 30, 2007 and 39,4994 shares acquired on June 29, 2007 under the Biogen Idec Inc. Employee Stock Purchase Plan.
- The stock option became exercisable in four (4) equal annual installments, commencing one year after the grant date of 04/01/02.
- Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC rule 16(b)-3(d).
- The stock option became exercisable in four (4) equal annual installments, commencing one year after the grant date of 12/06/02.
- The stock options become exercisable in four (4) equal annual installments on 12/31/04, 12/31/05, 12/31/06 and 12/31/07.
- The stock option becomes exercisable in four (4) equal annual installments, commencing one year after the grant date of 02/06/06.

Remarks:

Robert A. Licht, Attorney in Fact for Michael Kowolenko 07/27/2007

** 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.

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