High Katherine A Form 4 March 25, 2019

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * High Katherine A

> (First) (Middle)

C/O SPARK THERAPEUTICS. INC., 3737 MARKET STREET, **SUITE 1300**

(Street)

2. Issuer Name and Ticker or Trading Symbol

Spark Therapeutics, Inc. [ONCE]

3. Date of Earliest Transaction (Month/Day/Year)

03/21/2019

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

_X__ Director 10% Owner X_ Officer (give title Other (specify below)

See Remarks

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

PHILADELPHIA, PA 19104

(City)	(State)	(Zip) Tab	ole I - Non-	-Derivative	Secui	rities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	ed of (` ′	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)
Common Stock	03/21/2019		M	73,249	A	\$ 3.45	287,717	D	
Common Stock	03/21/2019		F	31,653	D	\$ 113.25	256,064	D	
Common Stock	03/21/2019		M	5,840	A	\$ 68.45	261,904	D	
Common Stock	03/21/2019		M	3	A	\$ 40.44	261,907	D	
Common Stock	03/21/2019		M	64,160	A	\$ 68.45	326,067	D	

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Common Stock	03/21/2019	F	49,561	D	\$ 113.255	276,506	D
Common Stock	03/21/2019	M	21,247	A	\$ 40.44	297,753	D
Common Stock	03/21/2019	F	25,993	D	\$ 113.26	271,760	D
Common Stock	03/21/2019	M	15,750	A	\$ 56.17	287,510	D
Common Stock	03/21/2019	F	11,184	D	\$ 113.26	276,326	D
Common Stock	03/21/2019	M	7,875	A	\$ 50.55	284,201	D
Common Stock	03/21/2019	F	5,367	D	\$ 113.26	278,834	D

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

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SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	TransactionDerivative Code Securities		we Expiration Date (Month/Day/Year) d (A) sed of		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 3.45	03/21/2019		M	73,249	<u>(1)</u>	07/02/2024	Common Stock	73,249	
Stock Option (right to buy)	\$ 68.45	03/21/2019		M	5,840	(2)	03/15/2025	Common Stock	5,840	
Stock Option (right to	\$ 40.44	03/21/2019		M	3	(3)	01/04/2026	Common Stock	3	

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buy)								
Stock Option (right to buy)	\$ 68.45	03/21/2019	M	64,160	(2)	03/15/2025	Common Stock	64,160
Stock Option (right to buy)	\$ 40.44	03/21/2019	M	41,247	(3)	01/04/2026	Common Stock	41,247
Stock Option (right to buy)	\$ 56.17	03/21/2019	M	15,750	<u>(4)</u>	01/17/2027	Common Stock	15,750
Stock Option (right to buy)	\$ 50.55	03/21/2019	M	7,875	(5)	01/17/2028	Common Stock	7,875

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
High Katherine A C/O SPARK THERAPEUTICS, INC. 3737 MARKET STREET, SUITE 1300 PHILADELPHIA, PA 19104	X		See Remarks			

Signatures

/s/ Joseph W. La Barge, attorney-in-fact for Katherine A. High

**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) 25% vested on May 24, 2015, and the remainder vested in equal quarterly installments over the following three years.
- (2) 25% vested March 16, 2016 and the remainder vested in equal quarterly installments over the following three years.
- (3) 25% vested January 5, 2017 and the remainder vests in equal quarterly installments over the following three years.
- (4) 25% vested January 18, 2018 and the remainder vests in equal quarterly installments over the following three years.
- (5) 25% vested January 18, 2019 and the remainder vests in equal annual installments over the following three years.

Remarks:

President and Head of Research and Development

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

Reporting Owners 3

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