Menlo Therapeutics Inc. Form SC 13G February 14, 2018

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

Menlo Therapeutics Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

586858 102

(CUSIP Number)

January 24, 2018

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

SCHEDULE 13G

CUSIP No. 586858 102

1	Names of Reporting Persons Merck & Co., Inc.			
2	Check the Appropriate Box is (a) (b)	f a Member of a Group (See I o o	instructions)	
3	SEC Use Only			
4	Citizenship or Place of Organization New Jersey			
Number of	5		Sole Voting Power 1,243,168	
Number of Shares Beneficially Owned by Each Reporting Person With:	6		Shared Voting Power 0	
	7		Sole Dispositive Power 1,243,168	
	8		Shared Dispositive Power 0	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,243,168			
10	Check box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o			
11	Percent of Class Represented by Amount in Row (9) 5.41%*			
12	Type of Reporting Person (See Instructions) HC			

^{*} Based on 22,977,998 shares of the Issuer s common stock outstanding immediately following the Issuer s public offering, which includes the full exercise of the underwriters over-allotment option, as reported in the Issuer s Prospectus filed pursuant to Rule 424(b)(4) with the Securities and Exchange Commission on January 26, 2018, which is part of the Issuer s Registration Statement and in the periodic report on Form 8-K, filed by the Issuer on January 29, 2018.

Page 2 of 6

CUSIP No. 586858 102

1	Names of Reporting Persons Merck Sharp & Dohme Corp		
2	Check the Appropriate Box is (a) (b)	f a Member of a Group (See l o o	Instructions)
3	SEC Use Only		
4	Citizenship or Place of Organization New Jersey		
	5		Sole Voting Power 1,243,168
Number of Shares Beneficially Owned by	6		Shared Voting Power 0
Each Reporting Person With:	7		Sole Dispositive Power 1,243,168
reison with.	8		Shared Dispositive Power 0
9	Aggregate Amount Beneficia 1,243,168	ally Owned by Each Reportin	g Person
10	Check box if the Aggregate A	Amount in Row (9) Excludes	Certain Shares (See Instructions) o
11	Percent of Class Represented 5.41%*	by Amount in Row (9)	
12	Type of Reporting Person (So	ee Instructions)	

^{*} Based on 22,977,998 shares of the Issuer s common stock outstanding immediately following the Issuer s public offering, which includes the full exercise of the underwriters over-allotment option, as reported in the Issuer s Prospectus filed pursuant to Rule 424(b)(4) with the Securities and Exchange Commission on January 26, 2018, which is part of the Issuer s Registration Statement and in the periodic report on Form 8-K, filed by the Issuer on January 29, 2018.

Page 3 of 6

Item 1.			
Item 1.	(a)	Name of Issuer:	
	(u)	Menlo Therapeutics Inc.	
	(b)	Address of Issuer s Prin	cipal Executive Offices:
			Floor, Redwood City, California 94063
Item 2.			
	(a)	Name of Person Filing:	
		(1) Merck & Co., Inc.	
		(2) M. 1 Cl. 0 D.1	
	(b)	(2) Merck Sharp & Dohr	ne Corp. siness Office or, if none, Residence:
	(b)	•	
		(1) Merck & Co., Inc.: 20	000 Galloping Hill Road, Kenilworth, NJ 07033
		(2) Merck Sharn & Dohr	ne Corp.: One Merck Drive, Whitehouse Station, NJ 08889
	(c)	Citizenship:	ne corp One Merck 2117e, Wintenouse Station, 13 00007
		(1) Merck & Co., Inc.: N	ew Jersey
		,	·
		(2) Merck Sharp & Dohr	ne Corp.: New Jersey
	(d)	Title and Class of Securi	
		Common Stock	
	(e)	CUSIP No.:	
		586858 102	
Item 3.	If this stateme	nt is filed nursuant to 88 240	.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
200111 00	II tills statellite	15 1med Parsaame to 33 = 10	view 1(b) or 2 toview 2(b) or (c), enecut whether the person immg is at
	(a)	0	Broker or dealer registered under section 15 of the Act;
	(a) (b)	0 0	Broker or dealer registered under section 15 of the Act; Bank as defined in section 3(a)(6) of the Act;
	(b)	0	Bank as defined in section 3(a)(6) of the Act;
	(b) (c)	o o	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company
	(b) (c) (d)	o o o	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940;
	(b) (c) (d) (e) (f)	o o o	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
	(b) (c) (d) (e)	o o o	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule
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	(b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
	(b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940; A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
	(b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940; A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J); Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a
	(b) (c) (d) (e) (f) (g) (h) (i)	0 0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940; A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
	(b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940; A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J); Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with
	(b) (c) (d) (e) (f) (g) (h) (i)	0 0 0 0 0 0	Bank as defined in section 3(a)(6) of the Act; Insurance company as defined in section 3(a)(19) of the Act; Investment company registered under section 8 of the Investment Company Act of 1940; An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940; A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J); Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with
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Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned: 1,243,168

The reported securities are owned directly by Merck Sharp & Dohme Corp. (MSD), which is a direct, wholly owned subsidiary of Merck & Co., Inc. (Merck). Merck is an indirect beneficial owner of the reported securities.

(b) Percent of class:

5.41%

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote:

See Cover Pages Items 5-9.

(ii) Shared power to vote or to direct the vote:

See Cover Pages Items 5-9.

(iii) Sole power to dispose or to direct the disposition of:

See Cover Pages Items 5-9.

(iv) Shared power to dispose or to direct the disposition of:

See Cover Pages Items 5-9.

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent

Holding Company or Control Person.

The reported securities are owned directly by MSD, which is a wholly owned subsidiary of Merck. Merck is an indirect beneficial owner of the reported securities.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

Page 5 of 6

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2018

MERCK SHARP & DOHME CORP.

By: /s/ Faye C. Brown
Name: Faye C. Brown
Title: Assistant Secretary

MERCK & CO., INC.

By: /s/ Faye C. Brown Name: Faye C. Brown

Title: Senior Assistant Secretary

Page 6 of 6