FLUIDIC	3M CORF
Form SC	13G/A
February	13, 2019

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SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934

(Amendment No. 6)*

Fluidigm Corporation (Name of Issuer)

Common Stock, Par Value \$0.001 Per Share

(Title of Class of Securities)

34385P108 (CUSIP Number)

December 31, 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:

x Rule 13d-1(b)

o Rule 13d-1(c)

o Rule 13d-1(d)
*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.
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).

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SCHEDULE 13G/A

CUSIP No. 34385P108

NAME OF REPORTING PERSONS 1 OrbiMed Advisors LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Delaware **SOLE VOTING POWER** 5 NUMBER OF 0 **SHARES** SHARED VOTING POWER **BENEFICIALLY** 6 OWNED BY 0 **EACH** SOLE DISPOSITIVE POWER **REPORTING** 7 **PERSON** 0 WITH SHARED DISPOSITIVE POWER 8 0 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o **SHARES** 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 0% TYPE OF REPORTING PERSON 12 IA

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SCHEDULE 13G/A

CUSIP No. 34385P108

NAME OF REPORTING PERSONS 1 OrbiMed Capital LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Delaware **SOLE VOTING POWER** 5 0 NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** 6 OWNED BY 0 **EACH** SOLE DISPOSITIVE POWER **REPORTING** 7 **PERSON** 0 WITH SHARED DISPOSITIVE POWER 8 0 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o **SHARES** 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 0% TYPE OF REPORTING PERSON 12 IA

CUSIP No. 34385P108	SCHEDULE 13G/A	Page 4 of 8 Pages
Item 1. (a) Name of Issuer:		
Fluidigm Corporation		
	(b) Address of Issuer's Pri	ncipal Executive Offices:
7000 Shoreline Court, Suite 100		
South San Francisco, California	94080	
Item 2.	(a) Nam	ne of Person Filing:
OrbiMed Advisors LLC		
OrbiMed Capital LLC		
	(b) Address of Prince	cipal Business Office:
601 Lexington Avenue, 54th Flo	or	
New York, NY 10022		
	(c)	Citizenship:
Please refer to Item 4 on each co	ver page for each Reporting Person.	
	(d) Title of C	Class of Securities:
Common Stock, Par Value \$0.00	1 Per Share	
	(e)	CUSIP No.:
34385P108		

CUSIP No. 34385P108

SCHEDULE 13G/A

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Item 3.

OrbiMed Advisors LLC ("Advisors") and OrbiMed Capital LLC ("Capital") are investment advisors in accordance with ss.240.13d-1(b)(1)(ii)(E).

CUSIP No. 34385P108	SCHEDULE 13G/A	Page 6 of 8 Pages
Item 4. Ownership:		
_	Reporting Person's ownership as of I over page for the Reporting Person.	December 31, 2018 is incorporated by reference
Item 5. Ownership of Five Pe	ercent or Less of a Class.	
_	o report the fact that as of the date here ive percent of the class of securities,	reof the reporting person has ceased to be the check the following [X].
Item 6. Ownership of More T	Than Five Percent on Behalf of Ano	other Person.
Not Applicable.		
Item 7. Identification and Cla the Parent Holding Company		Acquired the Security Being Reported on by
Not Applicable.		
Item 8. Identification and Cla	ssification of Members of the Grou	p.
Not Applicable.		
Item 9. Notice of Dissolution of	of Group.	
Not Applicable.		
Item 10. Certification.		

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and 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.

to

CUSIP No. 34385P108

SCHEDULE 13G/A

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SIGNATURES

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 12, 2019

OrbiMed Advisors LLC

By:/s/ Jonathan T. Silverstein

Name: Jonathan T. Silverstein

Title: Member of OrbiMed Advisors LLC

By:/s/ Sven H. Borho

Name: Sven H. Borho

Title: Member of OrbiMed Advisors LLC

By:/s/ Carl L. Gordon

Name: Carl L. Gordon

Title: Member of OrbiMed Advisors LLC

OrbiMed Capital LLC

By:/s/ Jonathan T. Silverstein

Name: Jonathan T. Silverstein

Title: Member of OrbiMed Capital LLC

By:/s/ Sven H. Borho

Name: Sven H. Borho

Title: Member of OrbiMed Capital LLC

By:/s/ Carl L. Gordon

Name: Carl L. Gordon

Title: Member of OrbiMed Capital LLC

CUSIP No. 34385P108

SCHEDULE 13G/A

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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on this Schedule 13G/A dated February 12, 2019 (the "Schedule 13G/A"), with respect to the Common Stock, par value \$0.001 per share, of Fluidigm Corporation is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that this Agreement shall be included as an Exhibit to this Schedule 13G/A. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13G/A, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 12, 2019.

OrbiMed Advisors LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein

Title: Member of OrbiMed Advisors LLC

By:/s/ Sven H. Borho Name: Sven H. Borho

Title: Member of OrbiMed Advisors LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon

Title: Member of OrbiMed Advisors LLC

OrbiMed Capital LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein

Title: Member of OrbiMed Capital LLC

By:/s/ Sven H. Borho Name: Sven H. Borho

Title: Member of OrbiMed Capital LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon

Title: Member of OrbiMed Capital LLC

The Statement on this Schedule 13G/A dated February 12, 2019 with respect to the Common Stock of Fluidigm Corporation is filed by OrbiMed Advisors LLC and OrbiMed Capital LLC in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as investment advisors (IA).