

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person* <u>VIKING GLOBAL INVESTORS LP</u> (Last) (First) (Middle) <u>55 RAILROAD AVENUE</u> (Street) <u>GREENWICH CT 06830</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>12/10/2020</u>	3. Issuer Name and Ticker or Trading Symbol <u>4D Molecular Therapeutics Inc. [FDMT]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Series B Redeemable Convertible Preferred Stock	(5)	(5)	Common Stock 2,004,581 ⁽⁵⁾	(5)	I	See Explanation of Responses ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾
Series C Redeemable Convertible Preferred Stock	(6)	(6)	Common Stock 833,333 ⁽⁶⁾	(6)	I	See Explanation of Responses ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾

1. Name and Address of Reporting Person* <u>VIKING GLOBAL INVESTORS LP</u> (Last) (First) (Middle) <u>55 RAILROAD AVENUE</u> (Street) <u>GREENWICH CT 06830</u> (City) (State) (Zip)

1. Name and Address of Reporting Person* <u>Viking Global Opportunities Illiquid Investments Sub-Master LP</u> (Last) (First) (Middle) <u>55 RAILROAD AVENUE</u> (Street) <u>GREENWICH CT 06830</u> (City) (State) (Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>Viking Global Opportunities Portfolio GP LLC</u>		
(Last)	(First)	(Middle)
55 RAILROAD AVENUE		
(Street)		
GREENWICH	CT	06830
(City)	(State)	(Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>Viking Global Opportunities GP LLC</u>		
(Last)	(First)	(Middle)
55 RAILROAD AVENUE		
(Street)		
GREENWICH	CT	06830
(City)	(State)	(Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>HALVORSEN OLE ANDREAS</u>		
(Last)	(First)	(Middle)
55 RAILROAD AVENUE		
(Street)		
GREENWICH	CT	06830
(City)	(State)	(Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>Ott David C.</u>		
(Last)	(First)	(Middle)
55 RAILROAD AVENUE		
(Street)		
GREENWICH	CT	06830
(City)	(State)	(Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>Shabet Rose Sharon</u>		
(Last)	(First)	(Middle)
55 RAILROAD AVENUE		
(Street)		
GREENWICH	CT	06830
(City)	(State)	(Zip)

Explanation of Responses:

1. Andreas Halvorsen, David C. Ott and Rose S. Shabet are Executive Committee members of certain management entities, including Viking Global Partners LLC, the general partner of Viking Global Investors LP ("VGI") and Viking Global Opportunities GP LLC ("Opportunities GP"), the sole owner of Viking Global Opportunities Portfolio GP LLC ("Opportunities Portfolio GP"). VGI provides managerial services to various investment funds, including Viking Global Opportunities Illiquid Investments Sub-Master LP ("Opportunities Fund"). Each of VGI, Opportunities GP, Opportunities Portfolio GP, VGOL, Opportunities Fund, Mr. Halvorsen, Mr. Ott and Ms. Shabet (collectively the "Reporting Persons") may be deemed to beneficially own the shares reported on this form.

2. VGI provides managerial services to Opportunities Fund, which directly holds the 2,837,914 shares of Common Stock reported herein. Because of the relationship between VGI

and VGOP, VGI may be deemed to beneficially own the shares of Common Stock held directly by Opportunities Fund.

3. Opportunities Portfolio GP is the general partner of Opportunities Fund. Because of the relationship between Opportunities Portfolio GP and Opportunities Fund, Opportunities Portfolio GP may be deemed to beneficially own the shares of Common Stock held directly by Opportunities Fund. Opportunities GP is the sole owner of Opportunities Portfolio GP. Because of the relationship between Opportunities GP and Opportunities Portfolio GP, Opportunities GP may be deemed to beneficially own the shares of Common Stock held directly by Opportunities Fund.

4. The Reporting Persons disclaim beneficial ownership of these securities except to the extent of their pecuniary interest therein, and the inclusion of these securities in this report shall not be deemed an admission of beneficial ownership of the reported securities for purposes of Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or for any other purpose.

5. The Series B Redeemable Convertible Preferred Stock is convertible into Common Stock on a one-for-one basis into the number of shares of Common Stock at the Reporting Person's election and automatically upon the closing of the initial public offering of 4D Molecular Therapeutics, Inc. (the "Issuer"). The shares have no expiration date.

6. The Series C Redeemable Convertible Preferred Stock is convertible into Common Stock on a one-for-one basis into the number of shares of Common Stock at the Reporting Person's election and automatically upon the closing of the initial public offering of the Issuer. The shares have no expiration date.

Remarks:

7. The Reporting Persons are jointly filing this Form 3 pursuant to Rule 16a-3(j) under the Exchange Act. 8. Each of O. Andreas Halvorsen, David C. Ott and Rose S. Shabet is signing individually and as an Executive Committee Member of VIKING GLOBAL PARTNERS LLC, on behalf of VIKING GLOBAL INVESTORS LP, and as an Executive Committee Member of VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf of itself and VIKING GLOBAL OPPORTUNITIES PORTFOLIO GP LLC and VIKING GLOBAL OPPORTUNITIES ILLIQUID INVESTMENTS SUB-MASTER LP.

/s/ O. Andreas Halvorsen 12/10/2020
(7)(8)

/s/ David C. Ott (7)(8) 12/10/2020

/s/ Rose S. Shabet (7)(8) 12/10/2020

** Signature of Reporting Date
Person

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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.