

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>MPM BioVentures 2014, L.P.</u> <hr/> (Last) (First) (Middle) C/O MPM CAPITAL 450 KENDALL STREET <hr/> (Street) CAMBRIDGE MA 02142 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Harpoon Therapeutics, Inc. [HARP]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 02/02/2021	
	4. 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 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	02/02/2021		s ⁽¹⁾		48,421 ⁽²⁾	D	\$20.13 ⁽³⁾	3,584,709	I	See Footnote ⁽⁴⁾⁽⁵⁾
Common Stock	02/03/2021		s ⁽¹⁾		41,922 ⁽⁶⁾	D	\$20.21 ⁽⁷⁾	3,542,787	I	See Footnote ⁽⁵⁾⁽⁸⁾
Common Stock	02/04/2021		s ⁽¹⁾		29,730 ⁽⁹⁾	D	\$20.37 ⁽¹⁰⁾	3,513,057	I	See Footnote ⁽⁵⁾⁽¹¹⁾
Common Stock								3,898,422	I	See Footnote ⁽⁵⁾⁽¹²⁾

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)
						Date Exercisable	Expiration Date					

1. Name and Address of Reporting Person*
MPM BioVentures 2014, L.P.

 (Last) (First) (Middle)
 C/O MPM CAPITAL
 450 KENDALL STREET

 (Street)
 CAMBRIDGE MA 02142

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
MPM ASSET MANAGEMENT LLC

 (Last) (First) (Middle)
 C/O MPM CAPITAL
 450 KENDALL STREET

 (Street)
 CAMBRIDGE MA 02142

 (City) (State) (Zip)

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[MPM BioVentures 2014 \(B\), L.P.](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[MPM Asset Management Investors BV2014 LLC](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[MPM BioVentures 2014 LLC](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[MPM BioVentures 2014 GP LLC](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Foley Todd](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[GADICKE ANSBERT](#)

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

1. Name and Address of Reporting Person*

EVNIN LUKE

(Last) (First) (Middle)

C/O MPM CAPITAL
450 KENDALL STREET

(Street)

CAMBRIDGE MA 02142

(City) (State) (Zip)

Explanation of Responses:

1. Transaction effected pursuant to a plan established pursuant to Rule 10b5-1 on 12/21/2020.
2. The shares were sold as follows: 46,726 by MPM BioVentures 2014, L.P. ("BV 2014") and 1,695 by MPM Asset Management Investors BV2014 LLC ("AM BV2014").
3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$20.00 to \$20.63 inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
4. The shares are held as follows: 3,001,315 by BV 2014, 152,470 by MPM BioVentures 2014(B), L.P. ("BV 2014(B)"), 108,861 by AM BV2014 and 322,063 by MPM Asset Management LLC ("AM LLC"). MPM BioVentures 2014 GP LLC and MPM BioVentures 2014 LLC ("BV LLC") are the direct and indirect general partners of BV 2014 and BV 2014(B). BV LLC is the manager of AM BV2014. Luke Evnin, Ansbert Gadick and Todd Foley are the members of BV LLC and Luke Evnin and Ansbert Gadick are the members of AM LLC.
5. Each Reporting Person disclaims beneficial ownership of the securities except to the extent of his or its pecuniary interest therein.
6. The shares were sold as follows: 40,455 by BV 2014 and 1,467 by AM BV2014.
7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$20.02 to \$20.56 inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
8. The shares are held as follows: 2,960,860 by BV 2014, 152,470 by BV 2014(B), 107,394 by AM BV2014 and 322,063 by AM LLC. MPM BioVentures 2014 GP LLC and BV LLC are the direct and indirect general partners of BV 2014 and BV 2014(B). BV LLC is the manager of AM BV2014. Luke Evnin, Ansbert Gadick and Todd Foley are the members of BV LLC and Luke Evnin and Ansbert Gadick are the members of AM LLC.
9. The shares were sold as follows: 28,689 by BV 2014 and 1,041 by AM BV2014.
10. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$20.00 to \$20.83 inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
11. The shares are held as follows: 2,932,171 by BV 2014, 152,470 by BV 2014(B), 106,353 by AM BV2014 and 322,063 by AM LLC. MPM BioVentures 2014 GP LLC and BV LLC are the direct and indirect general partners of BV 2014 and BV 2014(B). BV LLC is the manager of AM BV2014. Luke Evnin, Ansbert Gadick and Todd Foley are the members of BV LLC and Luke Evnin and Ansbert Gadick are the members of AM LLC.
12. The reported securities are held in the account of UBS Oncology Impact Fund L.P. ("UBS Oncology"). MPM Oncology Impact Management GP LLC ("Oncology GP LLC") is the General Partner of MPM Oncology Impact Management LP, the General Partner of Oncology Impact Fund (Cayman) Management L.P., the General Partner of UBS Oncology. Ansbert Gadick is the Managing Member of Oncology GP LLC.

Remarks:

/s/ Ansbert Gadick, managing
director of MPM BioVentures
2014 LLC, the managing
member of MPM BioVentures 02/04/2021
2014 GP LLC, the general
partner of MPM BioVentures
2014, L.P.

/s/ Ansbert Gadick, Member
of MPM Asset Management 02/04/2021
LLC

/s/ Ansbert Gadick, managing
director of MPM BioVentures
2014 LLC, the managing 02/04/2021
member of MPM BioVentures
2014 GP LLC, the general
partner of MPM BioVentures
2014 (B), L.P.

/s/ Ansbert Gadick, managing
director of MPM BioVentures
2014 LLC, the manager of 02/04/2021
MPM Asset Management
Investors BV2014 LLC

/s/ Ansbert Gadick, managing
director of MPM BioVentures 02/04/2021
2014 LLC

/s/ Ansbert Gadick, managing
director of MPM BioVentures
2014 LLC, the managing 02/04/2021
member of MPM BioVentures
2014 GP LLC

/s/ Todd Foley 02/04/2021

/s/ Ansbert Gadick 02/04/2021

/s/ Luke Evnin 02/04/2021

** Signature of Reporting Person Date

* 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.

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.