

Conatus Pharmaceuticals Inc.  
Form SC 13G  
February 06, 2018

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

**SCHEDULE 13G**  
**Under the Securities Exchange Act of 1934**  
**(Amendment No.    )\***

**Conatus Pharmaceuticals, Inc.**

**(Name of Issuer)**

**Common Stock**

**(Title of Class of Securities)**

**20600T108**

**(CUSIP Number)**

**May 11, 2017**

**(Date of Event Which Requires Filing of This Statement)**

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

Rule 13d-1(b)

Rule 13d-1(c)

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).

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures IV-QP, L.P.

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 573,733\*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 573,733\*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

573,733\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

1.9%

12. Type of Reporting Person (See Instructions)

PN

\* Includes 15,100 shares of Common Stock issuable pursuant to warrants, which are exercisable within 60 days of the date of this filing.

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CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures IV GmbH & Co. Beteiligungs KG

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Germany

5. Sole Voting Power

Number of

Shares 22,102\*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 22,102\*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

22,102\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

0.1%

12. Type of Reporting Person (See Instructions)

PN

\* Includes 581 shares of Common Stock issuable pursuant to warrants, which are exercisable within 60 days of the date of this filing.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM Asset Management Investors BV4 LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 16,314\*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 16,314\*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

16,314\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

0.1%

12. Type of Reporting Person (See Instructions)

OO

\* Includes 429 shares of Common Stock issuable pursuant to warrants, which are exercisable within 60 days of the date of this filing.



CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures V, L.P.

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 939,298\*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 939,298\*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

939,298\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.1%

12. Type of Reporting Person (See Instructions)

PN

\* Includes 15,508 shares of Common Stock issuable pursuant to warrants, which are exercisable within 60 days of the date of this filing.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM Asset Management Investors BV5 LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 36,489\*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 36,489\*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

36,489\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

0.1%

12. Type of Reporting Person (See Instructions)

OO

\* Includes 602 shares of Common Stock issuable pursuant to warrants, which are exercisable within 60 days of the date of this filing.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM Bio 2014 NVS Strategic Fund, L.P.

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Bermuda

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 909,091

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

909,091

9. Aggregate Amount Beneficially Owned by Each Reporting Person

909,091

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.0%

12. Type of Reporting Person (See Instructions)

PN

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CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures IV GP LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 595,835\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

595,835\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

595,835\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

2.0%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by MPM BioVentures IV-QP, L.P. ( BV IV QP ) and 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by MPM BioVentures IV GmbH & Co. Beteiligungs KG ( BV KG ). The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the direct general partner of BV IV QP and BV KG.



CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures IV LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 612,149\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

612,149\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

612,149\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

2.0%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG and 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by MPM Asset Management Investors BV4 LLC ( AM BV4 ). The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the indirect general partner of BV IV QP and BV KG and the manager of AM BV4.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures V GP LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 939,298\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

939,298\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

939,298\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.1%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by MPM BioVentures V, L.P. ( BV V ). The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the direct general partner of BV V.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures V LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 975,787\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

975,787\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

975,787\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.3%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V and 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by MPM Asset Management Investors BV5 LLC ( AM BV5 ). The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the indirect general partner of BV V and the manager of AM BV5.

CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures 2014 NVS Strategic Fund GP LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 909,091

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

909,091

9. Aggregate Amount Beneficially Owned by Each Reporting Person

909,091

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.0%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 909,091 shares of Common Stock by MPM Bio 2014 NVS Strategic Fund, L.P. ( Bio 2014 ). The Reporting Person is the direct general partner of Bio 2014.



CUSIP No. 20600T108

1. Name of Reporting Persons

MPM BioVentures 2014 LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 909,091

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

909,091

9. Aggregate Amount Beneficially Owned by Each Reporting Person

909,091

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

3.0%

12. Type of Reporting Person (See Instructions)

OO

\* Consists of 909,091 shares of Common Stock by Bio 2014. The Reporting Person is the indirect general partner of Bio 2014.

CUSIP No. 20600T108

1. Name of Reporting Persons

Luke Evnin

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 2,497,027\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

2,497,027\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,497,027\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IN

\* Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG, 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by AM BV4, 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V, 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by AM BV5 and 909,091 shares held by Bio 2014. MPM BioVentures IV GP LLC ( MPM IV GP ) and MPM BioVentures IV LLC ( MPM IV LLC ) are the direct and indirect general partners of BV IV QP and BV KG and MPM IV LLC is the manager of AM BV4. MPM BioVentures V GP LLC ( MPM V GP ) and MPM BioVentures V LLC ( MPM V LLC ) are the direct and indirect general partners of BV V and MPM V LLC is the manager of AM BV5. MPM BioVentures 2014 NVS Strategic Fund GP LLC ( Bio 2014 NVS ) and MPM Bio Ventures 2014 LLC ( Bio 2014 LLC ) are the direct and indirect general partners of Bio 2014. The Reporting Person is a member of MPM IV LLC, MPM V LLC and Bio 2014 LLC.

CUSIP No. 20600T108

1. Name of Reporting Persons

Ansbert Gadicke

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 2,497,027\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

2,497,027\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,497,027\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IN

\* Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG, 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by AM BV4, 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V, 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by AM BV5 and 909,091 shares held by Bio 2014. MPM IV GP and MPM IV LLC are the direct and indirect general partners of BV IV QP and BV KG and MPM IV LLC is the manager of AM BV4. MPM V GP and MPM V LLC are the direct and indirect general partners of BV V and MPM V LLC is the manager of AM BV5. Bio 2014 NVS and Bio 2014 LLC are the direct and indirect general partners of Bio 2014. The Reporting Person is a member of MPM IV LLC, MPM V LLC and Bio 2014 LLC.

CUSIP No. 20600T108

1. Name of Reporting Persons

Todd Foley

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC USE ONLY

4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

Shares 0

6. Shared Voting Power

Beneficially

Owned by 2,497,027\*

Each 7. Sole Dispositive Power

Reporting

Person 0

8. Shared Dispositive Power

With:

2,497,027\*

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,497,027\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IN

\* Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG, 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by AM BV4, 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V, 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by AM BV5 and 909,091 shares held by Bio 2014. MPM IV GP and MPM IV LLC are the direct and indirect general partners of BV IV QP and BV KG and MPM IV LLC is the manager of AM BV4. MPM V GP and MPM V LLC are the direct and indirect general partners of BV V and MPM V LLC is the manager of AM BV5. Bio 2014 NVS and Bio 2014 LLC are the direct and indirect general partners of Bio 2014. The Reporting Person is a member of MPM IV LLC, MPM V LLC and Bio 2014 LLC.



**Item 1.**

(a) Name of Issuer

Conatus Pharmaceuticals, Inc.

(b) Address of Issuer's Principal Executive Offices

16745 West Bernardo Drive, Suite 200

San Diego, CA 92127

**Item 2.**

(a) Name of Person Filing

MPM BioVentures IV-QP, L.P.

MPM BioVentures IV GmbH & Co. Beteiligungs KG

MPM Asset Management Investors BV4 LLC

MPM BioVentures V, L.P.

MPM Asset Management Investors BV5 LLC

MPM BioVentures IV GP LLC

MPM BioVentures IV LLC

MPM BioVentures V GP LLC

MPM BioVentures V LLC

MPM Bio 2014 NVS Strategic Fund, L.P.

MPM BioVentures 2014 NVS Strategic Fund GP LLC

MPM BioVentures 2014 LLC

Luke Evnin

Ansbert Gadicke

Todd Foley

(b) Address of Principal Business Office or, if none, Residence  
c/o MPM Capital LLC

450 Kendall Street

Cambridge, MA 02142

(c) Citizenship  
All entities were organized in Delaware except MPM BioVentures IV GmbH & Co. Beteiligungs KG, which was organized in Germany and MPM Bio 2014 NVS Strategic Fund, L.P., which was organized in Bermuda. The individuals are all United States citizens.

(d) Title of Class of Securities  
Common Stock

(e) CUSIP Number  
20600T108

**Item 3. If this statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:**  
Not applicable

**Item 4. Ownership**

MPM Entity	Shares Issuable Upon Exercise of			Shared Voting Power	Sole Dispositive Power	Shared Dispositive Power	Beneficial Ownership	Percentage of Class
	Shares Held Directly	Warrants Held Directly	Sole Voting Power					
BV IV QP	558,633	15,100	573,733	0	573,733	0	573,733	1.9%
BV KG	21,521	581	22,102	0	22,102	0	22,102	0.1%
AM BV4	15,885	429	16,314	0	16,314	0	16,314	0.1%
BV V	923,790	15,508	939,298	0	939,298	0	939,298	3.1%
AM BV5	35,887	602	36,489	0	36,489	0	36,489	0.1%
Bio 2014	909,091	0	909,091	0	909,091	0	909,091	3.0%
BV IV GP(1)	0	0	0	595,835	0	595,835	595,835	2.0%
BV IV LLC(2)	0	0	0	612,149	0	612,149	612,149	2.0%
BV V GP(3)	0	0	0	939,298	0	939,298	939,298	3.1%
BV V LLC(4)	0	0	0	975,787	0	975,787	975,787	3.3%
Bio 2014 NVS(5)	0	0	0	909,091	0	909,091	909,091	3.0%
Bio 2014 LLC(5)	0	0	0	909,091	0	909,091	909,091	3.0%
Luke Evnin(6)	0	0	0	2,497,027	0	2,497,027	2,497,027	8.3%
Ansbert Gadicke(6)	0	0	0	2,497,027	0	2,497,027	2,497,027	8.3%
Todd Foley(6)	0	0	0	2,497,027	0	2,497,027	2,497,027	8.3%

- (1) Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP and 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG. The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the direct general partner of BV IV QP and BV KG.
- (2) Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG and 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by MPM Asset Management Investors BV4 LLC ( AM BV4 ). The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the indirect general partner of BV IV QP and BV KG and the manager of AM BV4.
- (3) Consists of 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V. The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the direct general partner of BV V.
- (4) Consists of 923,790 shares of Common Stock and 15,508 shares of Common Stock issuable upon exercise of warrants held by BV V and 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by AM BV5. The warrants listed above are exercisable within 60 days of the date of this filing. The Reporting Person is the indirect general partner of BV V and the manager of AM BV5.
- (5) Consists of 909,091 shares of Common Stock held by Bio 2014. Bio 2014 LLC and Bio 2014 NVS are the direct and indirect general partners of Bio 2014.
- (6) Consists of 558,633 shares of Common Stock and 15,100 shares of Common Stock issuable upon exercise of warrants held by BV IV QP, 21,521 shares of Common Stock and 581 shares of Common Stock issuable upon exercise of warrants held by BV KG, 15,885 shares of Common Stock and 429 shares of Common Stock issuable upon exercise of warrants held by AM BV4, 923,790 shares of Common Stock and 15,508 shares of Common

Stock issuable upon exercise of warrants held by BV V, 35,887 shares of Common Stock and 602 shares of Common Stock issuable upon exercise of warrants held by AM BV5 and 909,091 shares held by Bio 2014. MPM IV GP and MPM IV LLC are the direct and indirect general partners of BV IV QP and BV KG and MPM IV LLC is the manager of AM BV4. MPM V GP and MPM V LLC are the direct and indirect general partners of BV V and MPM V LLC is the manager of AM BV5. Bio 2014 NVS and Bio 2014 LLC are the direct and indirect general partners of Bio 2014. The Reporting Person is a member of MPM IV LLC, MPM V LLC and Bio 2014 LLC.

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

**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.**

Not Applicable

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

Not Applicable

**Item 9. Notice of Dissolution of a Group**

Not Applicable

**Item 10. Certification**

Not Applicable

**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 5, 2018

MPM BIOVENTURES IV-QP, L.P.

By: MPM BioVentures IV GP LLC,

its General Partner

By: MPM BioVentures IV LLC,

its Managing Member

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM ASSET MANAGEMENT INVESTORS BV4  
LLC

By: MPM BioVentures IV LLC

its Manager

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM BIOVENTURES IV GMBH & CO.  
BETEILIGUNGS KG

By: MPM BioVentures IV GP LLC,

in its capacity as the Managing Limited Partner

By: MPM BioVentures IV LLC,

its Managing Member

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM BIOVENTURES V, L.P.

By: MPM BioVentures V GP LLC,

its General Partner

By: MPM BioVentures V LLC,

its Managing Member

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM ASSET MANAGEMENT INVESTORS BV5  
LLC

By: MPM BioVentures V LLC

its Manager

By: /s/ Luke Evin

MPM BIOVENTURES IV GP LLC

By: MPM BioVentures IV LLC,

its Managing Member

By: /s/ Luke Evin

Name: Luke Evnin

Name: Luke Evnin

Title: Member

Title: Member

MPM BIOVENTURES IV LLC

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM BIOVENTURES V GP LLC

MPM BIOVENTURES V LLC

By: MPM BioVentures V LLC,  
its Managing Member

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

By: /s/ Luke Evin

Name: Luke Evnin

Title: Member

MPM BIO 2014 NVS STRATEGIC FUND, L.P.

MPM BIOVENTURES 2014 NVS

STRATEGIC FUND GP LLC

By: MPM BioVentures 2014 NVS Strategic

By: MPM BioVentures 2014 LLC,

Fund GP LLC,

its Managing Member

its General Partner

By: MPM BioVentures 2014 LLC,

By: /s/ Luke Evin

its Managing Member

Name: Luke Evin

Title: Managing Director

By: /s/ Luke Evin

Name: Luke Evnin

Title: Managing Director

MPM BIOVENTURES 2014 LLC

By: /s/ Luke Evin

Name: Luke Evnin

Title: Managing Director

By: /s/ Luke Evin

Name: Luke Evnin

By: /s/ Ansbert Gadicke

Name: Ansbert Gadicke

By: /s/ Todd Foley

Name: Todd Foley

## **EXHIBITS**

A: Joint Filing Agreement