MACROGENICS INC Form SC 13G/A February 05, 2015

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

Macrogenics, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

556099 10 9

(CUSIP Number)

December 31, 2014

(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)

x 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.

(CI	IS	ſΡ	Nο	550	6099	10	9

1.	1. Name of Reporting Persons				
2.	MPM BioVentures II, L.P. 2. Check the Appropriate Box if a Member of a Group (See Instructions)				
3.	(a) " SEC US				
4.	Citizens	ship	or Place of Organization		
Delaware 5. Sole Voting Power			Sole Voting Power		
Num	ber of				
Shares Beneficially		6.	0 Shared Voting Power		
	•				
	ned by	7.	0 Sole Dispositive Power		
Rep	orting				
Person		8.	0 Shared Dispositive Power		
W	ith:				
9. Aggre		ate A	0 Amount Beneficially Owned by Each Reporting Person		
10.	0 Check i	f the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	PN

Page 2 of 27

1. Name of Ro		f Re	porting Persons
2.			entures II-QP, L.P. Appropriate Box if a Member of a Group (See Instructions)
(a) " (b) x 3. SEC USE ONLY			
4.	Citizens	ship	or Place of Organization
Delaware 5. Sole Voting Power			Sole Voting Power
Nun	nber of		
Shares		6.	0 Shared Voting Power
	ficially		
	ned by ach	7.	0 Sole Dispositive Power
Rep	orting		
Pe	rson	8.	0 Shared Dispositive Power
W	ith:		
9.	Aggreg	ate A	0 Amount Beneficially Owned by Each Reporting Person
10.	0 Check i	f the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

	•
11.	Percent of Class Represented by Amount in Row (9)
	0.0%
12.	Type of Reporting Person (See Instructions)
	Type of responding reason (see monetonic)
	PN

Page 3 of 27

1.	Name of	of Reporti	ing Persons
----	---------	------------	-------------

- MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG
- Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x
- SEC USE ONLY 3.
- Citizenship or Place of Organization
 - Germany
 - Sole Voting Power

Number of

Shares

6. Shared Voting Power

Beneficially

Owned by 0

Each

7. Sole Dispositive Power

Reporting

Person

8. Shared Dispositive Power

With:

Aggregate Amount Beneficially Owned by Each Reporting Person

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	PN

Page 4 of 27

1.	Name of	of Reporti	ing Persons
----	---------	------------	-------------

MPM Asset Management Investors 2000B LLC

- Check the Appropriate Box if a Member of a Group (See Instructions) 2.
 - (a) " (b) x SEC USE ONLY
- Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

3.

Shares

6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power

Reporting

Each

Person 8. Shared Dispositive Power

With:

Aggregate Amount Beneficially Owned by Each Reporting Person

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	00

Page 5 of 27

1.	Name o	of Re	porting Persons		
2.	MPM BioVentures IV Strategic Fund, L.P. Check the Appropriate Box if a Member of a Group (See Instructions)				
3.	(a) " SEC US				
4.	Citizenship or Place of Organization				
	Delawa		Sole Voting Power		
Num	nber of				
Sh	ares	6.	0 Shared Voting Power		
Bene	ficially				
Owr	ned by		0		

Reporting

Each

Person

8. Shared Dispositive Power

7. Sole Dispositive Power

With:

Aggregate Amount Beneficially Owned by Each Reporting Person

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

11.	Percent of Class Represented by Amount in Row (9)						
12.	0.0% Type of Reporting Person (See Instructions)						
	00						

Page 6 of 27

C	ITC.	ID	Nο	5560	വര	10	a
v		IГ	INU.) .) () (リフフ	111	7

10.

1.	1. Name of Reporting Persons					
2.	MPM Asset Management II, L.P. Check the Appropriate Box if a Member of a Group (See Instructions)					
3.	(a) " (b) x 3. SEC USE ONLY					
4.	Citizens	ship	or Place of Organization			
	Delawa	re 5.	Sole Voting Power			
Num	ber of					
	ares	6.	0 Shared Voting Power			
Bene	ficially					
Owr	ned by		0			
Е	ach	7.	Sole Dispositive Power			
Rep	orting					
Pe	rson	8.	0 Shared Dispositive Power			
W	ith:	·.	2			
9.	Aggrega	ate A	0 Amount Beneficially Owned by Each Reporting Person			

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

	"
11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	PN

Page 7 of 27

	1.	lame of Reporting Persons
--	----	---------------------------

MPM Asset Management II LLC

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x SEC USE ONLY
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

3.

Shares

6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power

Reporting

Each

Person

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

0

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	00

Page 8 of 27

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) x SEC USE ONLY
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

3.

Shares

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	00

Page 9 of 27

MPM BioVentures IV LLC

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

(a) " (b) x SEC USE ONLY

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

Number of

3.

Shares

6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power

Reporting

Each

Person

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

0

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	00

Page 10 of 27

				_
CHSII	N_{Ω}	556099	10	Q

1.	Name	of Re	porting	Persons
----	------	-------	---------	---------

Ansbert Gadicke

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

3.

5,359*

Shares 6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power

Reporting

Each

Person 5,359*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

5,359*

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	IN
*	1,021 of the shares are held by the Gadicke Revocable Trust, of which the reporting person is trustee.

C	ITC.	ID	Nο	5560	വര	10	a
v		IГ	INU.) .) () (リフフ	111	7

1.	Name	of	Reporting	Persons
----	------	----	-----------	---------

Luke Evnin

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x
- 3. SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

Shares 14,836*

6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

.

Person 14,836*

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

14,836*

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

	··
11.	Percent of Class Represented by Amount in Row (9)
	0.10
10	
12.	Type of Reporting Person (See Instructions)
	IN
*	2,752 of the shares are held by The Evnin/Wright 2000 Children s Trust, of which the reporting person is trustee.

Page 12 of 27

				_
CHSII	N_{Ω}	556099	10	Q

1.	Name	of Reporting	Persons
----	------	--------------	---------

Nicholas Galakatos

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

3.

2,247*

Shares 6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power

Each Reporting

2,247*

Person 8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,247*

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

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	IN

* 674 of the shares are held by AAG Peakham LLC, of which the reporting person is a member.

Page 13 of 27

(CI	IC	ΙÞ	Nο	5560	199	10	Q
١	Lι	J.)	IГ	INU.) .) () (リフフ	1 W /	7

1.	Name of	of Reporting	Persons
----	---------	--------------	---------

Michael Steinmetz

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x
- 3. SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

2,042

Shares 6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 2,042

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,042

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

11.	Percent of Class Represented by Amount in Row (9)
	0.0%
12.	Type of Reporting Person (See Instructions)
	IN

Page 14 of 27

(CI	IS	ΙP	Nο	5560	199	10	9

1.	Name	of	Reporting	Persons
----	------	----	-----------	---------

Kurt Wheeler

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x SEC USE ONLY
- 4. Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

3.

1,021

Shares 6. Shared Voting Power

Beneficially

Owned by 0

Each 7. Sole Dispositive Power

Reporting

Person 1,021

8. Shared Dispositive Power

With:

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,021

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

	••
11.	Percent of Class Represented by Amount in Row (9)
	0.0%
12.	Type of Reporting Person (See Instructions)
	The state of the s
	IN

Page 15 of 27

(CI	IS	ΙP	Nο	5560	199	10	9

1.	Name o	of Re	porting Persons
2.	Todd For Check to	-	appropriate Box if a Member of a Group (See Instructions)
3.	(a) " SEC US		
4.	Citizens	ship	or Place of Organization
	United		Sole Voting Power
Num	ber of		
	ares ficially	6.	615 Shared Voting Power
	ned by	7.	0 Sole Dispositive Power
Rep	orting		
Pe	rson	8.	615 Shared Dispositive Power
W	ith:		
9.	Aggreg	ate A	0 Amount Beneficially Owned by Each Reporting Person
10.	615 Check i	if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11.	Percent of Class Represented by Amount in Row (9)							
12.	0.0% Type of Reporting Person (See Instructions)							
	IN							

Page 16 of 27

1.	Name	of	Reporting	Persons
----	------	----	-----------	---------

Vaughn Kalian

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) " (b) x
- SEC USE ONLY 3.
- Citizenship or Place of Organization

United States

5. Sole Voting Power

Number of

2,436

Shares 6. Shared Voting Power

Beneficially

Owned by 0

7. Sole Dispositive Power Each

Reporting

2,436 Person

8. Shared Dispositive Power

With:

0

Aggregate Amount Beneficially Owned by Each Reporting Person

2,436

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

11.	Percent of Class Represented by Amount in Row (9)								
12.	0.0% Type of Reporting Person (See Instructions)								
	IN								

Page 17 of 27

CI	ISI	P	No	- 5	56	60	9 1	IN	g

1.	Name o	of Re	porting Persons
2.	James I Check t		Scopa Appropriate Box if a Member of a Group (See Instructions)
3.	(a) " SEC US) x NLY
4.	Citizens	ship	or Place of Organization
	United	State 5.	
Nun	nber of		
	ares	6.	1,964 Shared Voting Power
	ficially		
	ned by ach	7.	0 Sole Dispositive Power
Rep	orting		
Pe	rson	8.	1,964 Shared Dispositive Power
W	ith:		
9.	Aggreg	ate A	0 Amount Beneficially Owned by Each Reporting Person
10.	1,964 Check i	if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11.	Percent of Class Represented by Amount in Row (9)
12.	0.0% Type of Reporting Person (See Instructions)
	IN

Page 18 of 27

Item 1.

(a) Name of Issuer Macrogenics, Inc.

(b) Address of Issuer s Principal Executive Offices 9640 Medical Center Drive

Rockville, MD 20850

Item 2.

(a) Name of Person Filing MPM BioVentures II, LP

MPM BioVentures II-QP, L.P.

MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

MPM Asset Management Investors 2000B LLC

MPM BioVentures IV Strategic Fund, L.P.

MPM Asset Management II, L.P.

MPM Asset Management II LLC

MPM BioVentures IV GP LLC

MPM BioVentures IV LLC

Ansbert Gadicke

Luke Evnin

Nicholas Galakatos

Michael Steinmetz

Kurt Wheeler

Todd Foley

Vaughn Kailian
James Paul Scopa
(b) Address of Principal Business Office or, if none, Residence c/o MPM Capital LLC
The John Hancock Tower
200 Clarendon Street, 54th Floor
Boston, MA 02116
(c) Citizenship All entities were organized in Delaware except MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG, which was organized in Germany. The individuals are all United States citizens.
(d) Title of Class of Securities Common Stock
(e) CUSIP Number 556099 10 9
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

Page 19 of 27

Item 4. Ownership

James Paul Scopa

(a) Amount Beneficially Owned:

MPM BioVentures II, L.P.	0
MPM BioVentures II-QP, L.P.	0
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0
MPM Asset Management Investors 2000B LLC	0
MPM BioVentures IV Strategic Fund, L.P.	0
MPM Asset Management II, L.P.	0
MPM Asset Management II LLC	0
MPM BioVentures IV GP LLC	0
MPM BioVentures IV LLC	0
Ansbert Gadicke	5,359(1)(2)
Luke B. Evnin	14,836(1)(3)
Nicholas Galakatos	2,247(1)(4)
Michael Steinmetz	2,042(1)
Kurt Wheeler	1,021(1)
Todd Foley	615(1)
Vaughn Kalian	2,436(1)
James Paul Scopa	1,964(1)
Percent of Class:	
MPM BioVentures II, L.P.	0.0%
MPM BioVentures II-QP, L.P.	0.0%
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0.0%
MPM Asset Management Investors 2000B LLC	0.0%
MPM BioVentures IV Strategic Fund, L.P.	0.0%
MPM Asset Management II, L.P.	0.0%
MPM Asset Management II LLC	0.0%
MPM BioVentures IV GP LLC	0.0%
MPM BioVentures IV LLC	0.0%
Ansbert Gadicke	0.0%
Luke B. Evnin	0.1%
Nicholas Galakatos	0.0%
Michael Steinmetz	0.0%
Kurt Wheeler	0.0%
Todd Foley	0.0%
Vaughn Kalian	0.0%
, D 10	0.00

0.0%

(b) Number of shares as to which the person has:

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

MPM BioVentures II, L.P.	0
MPM BioVentures II-QP, L.P.	0
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0
MPM Asset Management Investors 2000B LLC	0
MPM BioVentures IV Strategic Fund, L.P.	0
MPM Asset Management II, L.P.	0
MPM Asset Management II LLC	0
MPM BioVentures IV GP LLC	0
MPM BioVentures IV LLC	0
Ansbert Gadicke	5,359(1)(2)
Luke B. Evnin	14,836(1)(3)
Nicholas Galakatos	2,247(1)(4)
Michael Steinmetz	2,042(1)
Kurt Wheeler	1,021(1)
Todd Foley	615(1)
Vaughn Kalian	2,436(1)
James Paul Scopa	1,964(1)

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

MPM BioVentures II, L.P.	0
MPM BioVentures II-QP, L.P.	0
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0
MPM Asset Management Investors 2000B LLC	0
MPM BioVentures IV Strategic Fund, L.P.	0
MPM Asset Management II, L.P.	0
MPM Asset Management II LLC	0
MPM BioVentures IV GP LLC	0
MPM BioVentures IV LLC	0
Ansbert Gadicke	0
Luke B. Evnin	0
Nicholas Galakatos	0
Michael Steinmetz	0
Kurt Wheeler	0
Todd Foley	0
Vaughn Kalian	0
James Paul Scopa	0

Page 21 of 27

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

MPM BioVentures II, LP	0
MPM BioVentures II-QP, L.P.	0
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0
MPM Asset Management Investors 2000B LLC	0
MPM BioVentures IV Strategic Fund, L.P.	0
MPM Asset Management II, L.P.	0
MPM Asset Management II LLC	0
MPM BioVentures IV GP LLC	0
MPM BioVentures IV LLC	0
Ansbert Gadicke	5,359(1)(2)
Luke Evnin	14,836(1)(3)
Nicholas Galakatos	2,247(1)(4)
Michael Steinmetz	2,042(1)
Kurt Wheeler	1,021(1)
Todd Foley	615(1)
Vaughn Kalian	2,436(1)
James Paul Scopa	1,964(1)

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

MPM BioVentures II, LP	0
MPM BioVentures II-QP, L.P.	0
MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG	0
MPM Asset Management Investors 2000B BVII LLC	0
MPM BioVentures IV Strategic Fund, L.P.	0
MPM Asset Management II, L.P.	0
MPM Asset Management II LLC	0
MPM BioVentures IV GP LLC	0
MPM BioVentures IV LLC	0
Ansbert Gadicke	0
Luke B. Evnin	0
Nicholas Galakatos	0
Michael Steinmetz	0
Kurt Wheeler	0
Todd Foley	0
Vaughn Kalian	0
James Paul Scopa	0

- (1) Shares received in a pro rata distribution by the funds on April 7, 2014 that may have been subsequently sold.
- (2) 1,021 of the shares are held by the Gadicke Revocable Trust, of which the reporting person is trustee.
- (3) 2,752 of the shares are held by The Evnin/Wright 2000 Children s Trust, of which the reporting person is trustee.
- (4) 674 of the shares are held by AAG Peakham LLC, of which the reporting person is a member.

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 x.

Item 6. Ownership of More than Five Percent on Behalf of Another Person Not Applicable

Page 22 of 27

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

Page 23 of 27

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 4, 2015

MPM BIOVENTURES II, L.P.

By: MPM Asset Management II, L.P.,

its General Partner

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin Name: Luke Evnin

Title: Investment Manager

MPM BIOVENTURES GMBH & CO. PARALLEL-

BETEILIGUNGS KG

By: MPM Asset Management II LP, in its capacity as

the

Special Limited Partner

By: MPM Asset Management II LLC, its General

Partner

By: /s/ Luke Evnin

Name: Luke Evnin

Title: Investment Manager

MPM BIOVENTURES IV STRATEGIC FUND, L.P.

By: MPM BioVentures IV GP LLC,

its General Partner

By: MPM BioVentures IV LLC,

its Managing Member

By: /s/ Luke Evnin

Name: Luke Evnin
Title: Member

MPM ASSET MANAGEMENT II L.P.

MPM BIOVENTURES II-QP, L.P.

By: MPM Asset Management II, L.P.,

its General Partner

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin

Name: Luke Evnin

Title: Investment Manager

MPM ASSET MANAGEMENT INVESTORS 2000B

LLC

By: /s/ Luke Evnin

Name: Luke Evnin

Title: Investment Manager

MPM ASSET MANAGEMENT II LLC

By: MPM Asset Management II LLC, its General

Partner

By: /s/ Luke Evnin
Name: Luke Evnin
Name: Luke Evnin
Name: Luke Evnin

Title: Investment Manager Title: Investment Manager

Page 24 of 27

MPM BIOVENTURES IV GP LLC

MPM BIOVENTURES IV LLC

By: MPM BioVentures IV LLC,

its Managing Member

By: /s/ Luke Evnin Name: Luke Evnin Title: Member

By: /s/ Luke Evnin Name: Luke Evnin Title: Member

> /s/ Ansbert Gadicke Ansbert Gadicke

/s/ Nicholas Galakatos Nicholas Galakatos

/s/ Kurt Wheeler Kurt Wheeler

/s/ James Paul Scopa James Paul Scopa /s/ Luke Evnin Luke Evnin

> /s/ Michael Steinmetz Michael Steinmetz

/s/ Todd Foley Todd Foley

/s/ Vaughn M. Kailian Vaughn M. Kailian

EXHIBITS

A: Joint Filing Agreement

Page 25 of 27