
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

SCHEDULE 13D

**UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 4)***

PHARMATHENE, INC.

(Name of Issuer)

Common Stock, par value \$0.0001 per share
(Title of Class of Securities)

42224H104
(CUSIP Number)

**LUKE EVNIN
MPM ASSET MANAGEMENT
450 KENDALL STREET
CAMBRIDGE, MASSACHUSETTS 02142
TELEPHONE: (617) 425-9200**
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

March 24, 2016
(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

* 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 disclosures provided in a prior cover page.

The information required on 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).

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III, L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	PN	

(1) This Schedule is filed by MPM BioVentures III, L.P. (“BV III”), MPM BioVentures III-QP, L.P. (“BV III QP ”), MPM BioVentures III GmbH & Co. Beteiligungs KG (“BV III KG”), MPM BioVentures III Parallel Fund, L.P. (“BV III PF”), MPM BioVentures III GP, L.P. (“BV III GP”), MPM BioVentures III LLC (“BV III LLC”) and MPM Asset Management Investors 2004 BVIII LLC (“AM LLC”) (collectively, the “MPM Entities”) and Luke Evnin, Ansbert Gadicke, Nicholas Galakatos, Dennis Henner, Nicholas Simon III, Michael Steinmetz and Kurt Wheeler (collectively, the “Listed Persons” and together with the MPM Entities, the “Reporting Persons”). The Reporting Persons expressly disclaim status as a “group” for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III-QP, L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	PN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III GmbH & Co. Beteiligungs KG	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Germany	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	PN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III Parallel Fund, L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	PN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM Asset Management Investors 2004 BVIII LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	OO	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III GP, L.P.	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Germany	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	PN	

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1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	MPM BioVentures III LLC	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	OO	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Luke Evinin	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Ansbert Gadicke	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

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1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Nicholas Galakatos	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

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1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Dennis Henner	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Nicholas Simon III	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

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1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Michael Steinmetz	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

(1) This Schedule is filed by the Reporting Persons. The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13D/A.

1.	Name of Reporting Persons I.R.S. Identification No(s). of above person(s) (entities only)	
	Kurt Wheeler	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> (1)	
3.	SEC USE ONLY	
4.	Source of Funds (See Instructions)	
	WC	
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)	
6.	Citizenship or Place of Organization	
	United States	
Number of Shares Beneficially Owned by Each Reporting Person With:	7.	Sole Voting Power
		0
	8.	Shared Voting Power
		0
	9.	Sole Dispositive Power
		0
	10.	Shared Dispositive Power
		0
11.	Aggregate Amount Beneficially Owned by Each Reporting Person	
	0	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)	
13.	Percent of Class Represented by Amount in Row (11)	
	0.0%	
14.	Type of Reporting Person (See Instructions)	
	IN	

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<u>MPM Entity</u>	<u>Shares Held Directly</u>	<u>Options Held Directly</u>	<u>Sole Voting Power</u>	<u>Shared Voting Power</u>	<u>Sole Dispositive Power</u>	<u>Shared Dispositive Power</u>	<u>Beneficial Ownership</u>	<u>Percentage of Class (1)</u>
BV III LLC	0	0	0	0	0	0	0	0.0%
Luke Evnin	0	0	0	0	0	0	0	0.0%
Ansbert Gadicke	0	0	0	0	0	0	0	0.0%
Nicholas Galakatos	0	0	0	0	0	0	0	0.0%
Michael Steinmetz	0	0	0	0	0	0	0	0.0%
Kurt Wheeler	0	0	0	0	0	0	0	0.0%
Nicholas Simon III	0	0	0	0	0	0	0	0.0%
Dennis Henner	0	0	0	0	0	0	0	0.0%

(c) On March 1, 2016, the Reporting Persons sold the following shares of Common Stock in the open market:

<u>Date of Sale</u>	<u>Sold By</u>	<u>Shares Sold</u>	<u>Price Per Share</u>
3/1/16	BV V	30,539	\$ 1.65
3/1/16	BV III QP	454,180	\$ 1.65
3/1/16	BV III KG	38,382	\$ 1.65
3/1/16	BV III PF	13,717	\$ 1.65
3/1/16	AM LLC	10,796	\$ 1.65

On March 23, 2016, the Reporting Persons sold the following shares of Common Stock in a private transaction:

<u>Date of Sale</u>	<u>Sold By</u>	<u>Shares Sold</u>	<u>Price Per Share</u>
3/24/16	BV V	167,310	\$ 1.65
3/24/16	BV III QP	2,488,119	\$ 1.65
3/24/16	BV III KG	210,270	\$ 1.65
3/24/16	BV III PF	75,150	\$ 1.65
3/24/16	AM LLC	59,151	\$ 1.65

These are the only transactions by the Reporting Persons involving the Issuer's securities since the filing of Amendment No. 3 to the Schedule 13D on February 12, 2016.

(d) Inapplicable.

(e) On March 24, 2016, the Reporting Persons ceased to be beneficial owners of more than 5% of the issued and outstanding Common Stock of the Company. The reporting obligations of the Reporting Persons with respect to the Common Stock pursuant to Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder are therefore terminated.

Item 7. Material to be Filed as Exhibits.

Item 7 of the Original Schedule 13D is hereby supplemented by adding the following in appropriate numerical order:

<u>Exhibit No.</u>	<u>Description</u>
1.	Agreement regarding joint filing of Schedule 13D.

/s/ Ansbert Gadicke

Ansbert Gadicke

/s/ Michael Steinmetz

Michael Steinmetz

/s/ Nicholas Simon III

Nicholas Simon III

/s/ Nicholas Galakatos

Nicholas Galakatos

/s/ Kurt Wheeler

Kurt Wheeler

/s/ Dennis Henner

Dennis Henner

SCHEDULE I

General Partners/Members:

Luke Evnin
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142
Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC
Citizenship: USA

Ansbert Gadicke
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142
Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC
Citizenship: USA

Nicholas Galakatos
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142
Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC
Citizenship: USA

Michael Steinmetz
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142
Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC
Citizenship: USA

Kurt Wheeler
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142
Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC
Citizenship: USA

Nicholas Simon III
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142

Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC

Citizenship: USA

Dennis Henner
c/o MPM Asset Management
450 Kendall Street
Cambridge, Massachusetts 02142

Principal Occupation: Series A member of the general partner of the general partner of MPM BioVentures III-QP, L.P., MPM BioVentures III, L.P., MPM BioVentures III Parallel Fund, L.P. and MPM BioVentures III GmbH & Co. Beteiligungs KG and manager of MPM Asset Management Investors 2004 BVIII LLC

Citizenship: USA

Exhibit Index**Exhibit No.****Description**

1. Agreement regarding joint filing of Schedule 13D.

/s/ Ansbert Gadicke

Ansbert Gadicke

/s/ Nicholas Galakatos

Nicholas Galakatos

/s/ Michael Steinmetz

Michael Steinmetz

/s/ Kurt Wheeler

Kurt Wheeler

/s/ Nicholas Simon III

Nicholas Simon III

/s/ Dennis Henner

Dennis Henner

Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).