

BB BIOVENTURES L P  
Form SC 13G/A  
February 13, 2006

OMB APPROVAL  
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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934  
(Amendment No. 1)\***

OSCIENT PHARMACEUTICALS, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

68812R105

(CUSIP Number)

December 31, 2005

(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).

**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 control number.**



CUSIP No. 68812R105

NAMES OF REPORTING PERSONS:

1

BB BioVentures L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 2,041,174

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

0

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

2,041,174

SHARED DISPOSITIVE POWER:

WITH: 8

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

2,041,174

**10** CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

2.6%

**12** TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 68812R105

**1** NAMES OF REPORTING PERSONS:

MPM BioVentures Parallel Fund, L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

**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 262,560

**6** SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 0

**7** SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 262,560

**8** SHARED DISPOSITIVE POWER:

WITH: 0

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

262,560

**10** CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

0.3%

**12** TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 68812R105

NAMES OF REPORTING PERSONS:

1

MPM Asset Management Investors 1998 LLC

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 26,801

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

0

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

26,801

SHARED DISPOSITIVE POWER:

WITH: 8

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9



26,801

**10** CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

0.03%

**12** TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

OO

CUSIP No. 68812R105

NAMES OF REPORTING PERSONS:

1

Ansbert Gadicke

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 0

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

2,330,535(1)

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

0

SHARED DISPOSITIVE POWER:

WITH: 8

2,330,535(1)

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

2,330,535(1)

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

3.0%

12

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

IN

- (1) The shares are held as follows: 2,041,174 by BB BioVentures L.P. ( BB Bioventures ), 262,560 by MPM BioVentures Parallel Fund, L.P. ( MPM Parallel ) and 26,801 by MPM Asset Management Investors 1998 LLC ( MPM Investors ). BB BioVentures is under common control with MPM Parallel and MPM Investors. BAB BioVentures L.P. ( BAB BV ), BAB BioVentures NV and MPM BioVentures I LLC ( BioVentures LLC ) are the direct and indirect general partners of BB BioVentures. MPM BioVentures I L.P. ( BioVentures LP ) and BioVentures LLC are the direct and indirect general partners of MPM Parallel. The Reporting person is a manager of BioVentures LLC and MPM Investors.

CUSIP No. 68812R105

NAMES OF REPORTING PERSONS:

1

Luke Evinin

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 26,069(2)

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

2,330,535(1)

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

26,069(2)

SHARED DISPOSITIVE POWER:

WITH: 8

2,330,535(1)

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

2,356,604(2)

**10** CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

3.1%

**12** TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

IN

- (1) The shares are held as follows: 2,041,174 by BB BioVentures L.P. ( BB Bioventures ), 262,560 by MPM BioVentures Parallel Fund, L.P. ( MPM Parallel ) and 26,801 by MPM Asset Management Investors 1998 LLC ( MPM Investors ). BB BioVentures is under common control with MPM Parallel and MPM Investors. BAB BioVentures L.P. ( BAB BV ), BAB BioVentures NV and MPM BioVentures I LLC ( BioVentures LLC ) are the direct and indirect general partners of BB BioVentures. MPM BioVentures I L.P. ( BioVentures LP ) and BioVentures LLC are the direct and indirect general partners of MPM Parallel. The Reporting person is a manager of BioVentures LLC and MPM Investors.
- (2) Includes 26,069 shares issuable pursuant to options exercisable within 60 days of December 31, 2005.

**Item 1.**

- (a) Name of Issuer  
Oscient Pharmaceuticals, Inc.
- (b) Address of Issuer's Principal Executive Offices  
1000 Winter Street  
Suite 2200  
Waltham, MA 02451

**Item 2.**

- (a) Name of Person Filing  
BB BioVentures, LP  
MPM BioVentures Parallel Fund, LP  
MPM Asset Management Investors 1998 LLC  
Ansbert Gadicke  
Luke Evnin
- (b) Address of Principal Business Office or, if none, Residence  
c/o MPM Capital L.P.  
The John Hancock Tower  
200 Clarendon Street, 54<sup>th</sup> Floor  
Boston, MA 02116
- (c) Citizenship  
All entities were organized in Delaware and all individuals are United States citizens.
- (d) Title of Class of Securities  
Common Stock
- (e) CUSIP Number  
68812R105

**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**

- (a) Amount Beneficially Owned:

BB BioVentures, LP	2,041,174
MPM BioVentures Parallel Fund, LP	262,560
MPM Asset Management Investors 1998 LLC	26,801
Ansbert Gadicke	2,330,535(1)
Luke Evnin	2,356,604(1)(2)

(b) Percent of Class:

BB BioVentures, LP	2.6%
MPM BioVentures Parallel Fund, LP	0.3%
MPM Asset Management Investors 1998 LLC	0.03%
Ansbert Gadicke	3.0%
Luke Evnin	3.1%

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

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

BB BioVentures, LP	2,041,174
MPM BioVentures Parallel Fund, LP	262,560
MPM Asset Management Investors 1998 LLC	26,801
Ansbert Gadicke	0
Luke Evnin	26,069(2)

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

BB BioVentures, LP	0
MPM BioVentures Parallel Fund, LP	0
MPM Asset Management Investors 1998 LLC	0
Ansbert Gadicke	2,330,535(1)
Luke Evnin	2,356,604(1)(2)

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

BB BioVentures, LP	2,041,174
MPM BioVentures Parallel Fund, LP	262,560
MPM Asset Management Investors 1998 LLC	26,801
Ansbert Gadicke	0
Luke Evnin	26,069(2)

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

BB BioVentures, LP	0
MPM BioVentures Parallel Fund, LP	0
MPM Asset Management Investors 1998 LLC	0
Ansbert Gadicke	2,330,535(1)
Luke Evnin	2,356,604(1)(2)

- (1) The shares are held as follows: 2,041,174 by BB BioVentures L.P. ( BB Bioventures ), 262,560 by MPM BioVentures Parallel Fund, L.P. ( MPM Parallel ) and 26,801 by MPM Asset Management Investors 1998 LLC ( MPM Investors ). BB BioVentures is under common control with MPM Parallel and MPM Investors. BAB BioVentures L.P. ( BAB BV ), BAB BioVentures NV and MPM BioVentures I LLC ( BioVentures LLC ) are the direct and indirect general partners of BB BioVentures. MPM BioVentures I L.P. ( BioVentures LP ) and BioVentures LLC are the direct and indirect general partners of MPM Parallel. The Reporting person is a manager of BioVentures LLC and MPM Investors.
- (2) Includes 26,069 shares issuable pursuant to options exercisable within 60 days of December 31, 2005.

**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 b.

**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 9, 2006

BB BIOVENTURES L.P.

By: BAB BioVentures L.P.,  
its General Partner

By: BAB BioVentures N.V.,  
its General Partner

By: \s\ Ansbert Gadicke

Name: Ansbert Gadicke  
Title: Manager

MPM BIOVENTURES PARALLEL FUND, L.P.

By: MPM BioVentures I LP,  
its General Partner

By: MPM BioVentures I LLC,  
its General Partner

By: \s\ Luke Evnin

Name: Luke B. Evnin  
Title: Manager

MPM ASSET MANAGEMENT INVESTORS  
1998 LLC

By: \s\ Luke Evnin

Name: Luke B. Evnin

Title: Manager

By: \s\ Ansbert Gadicke

Name: Ansbert Gadicke

By: \s\ Luke Evnin

Name: Luke B. Evnin

**EXHIBIT A**

**JOINT FILING AGREEMENT**

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock of Oscient Pharmaceuticals, Inc. and further agree that this agreement be included as an exhibit to such filing. Each party to the agreement expressly authorizes each other party to file on its behalf any and all amendments to such statement. Each party to this agreement agrees that this joint filing agreement may be signed in counterparts.

In evidence whereof, the undersigned have caused this Agreement to be executed on their behalf this 9<sup>th</sup> day of February, 2006.

BB BIOVENTURES L.P.

MPM BIOVENTURES PARALLEL FUND, L.P.

By: BAB BioVentures L.P.,  
its General Partner

By: MPM BioVentures I LP,  
its General Partner

By: BAB BioVentures N.V.,  
its General Partner

By: MPM BioVentures I LLC,  
its General Partner

By: \\\ Ansbert Gadicke

By: \\\ Luke Evnin

Name: Ansbert Gadicke  
Title: Manager

Name: Luke B. Evnin  
Title: Manager

MPM ASSET MANAGEMENT INVESTORS  
1998 LLC

By: \\\ Luke Evnin

Name: Luke B. Evnin

By: \\\ Ansbert Gadicke

Title: Manager

Name: Ansbert Gadicke

By: \\\ Luke Evnin

Name: Luke B. Evnin