SCHEDULE 13G

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

Horizon Pharma, Inc.

(Name of Issuer)

Common Stock, $0.001 par value
(Title of Class of Securities)

44047T109
(CUSIP Number)

December 31, 2011
(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. 44047T109
13G

Names of Reporting Persons
I.R.S. Identification Nos. of Above Persons (Entities Only)
Atlas Venture Fund VI, L.P.

Check the Appropriate Box if a Member of a Group (See Instructions)
(a) ☐
(b) ☐

SEC Use Only

Citizenship or Place of Organization
Delaware

Sole Voting Power
0 shares

Shared Voting Power
2,859,851 shares

Sole Dispositive Power
0 shares

Shared Dispositive Power
2,859,851 shares

Aggregate Amount Beneficially Owned by Each Reporting Person
2,859,851 shares

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

Percent of Class Represented by Amount in Row 9
14.64%

Type of Reporting Person (See Instructions)
PN

2
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| 1 | Names of Reporting Persons  
I.R.S. Identification Nos. of Above Persons (Entities Only)  
Atlas Venture Entrepreneurs’ Fund VI, 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  
0 shares |
| 6 | Number of Shares Beneficially Owned by Each Reporting Person With  
Shared Voting Power  
2,859,851 shares |
| 7 | Sole Dispositive Power  
0 shares |
| 8 | Shared Dispositive Power  
2,859,851 shares |
| 9 | Aggregate Amount Beneficially Owned by Each Reporting Person  
2,859,851 shares |
| 10 | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  
☐ |
| 11 | Percent of Class Represented by Amount in Row 9  
14.64% |
| 12 | Type of Reporting Person (See Instructions)  
PN |
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<th>Description</th>
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| 1 | Names of Reporting Persons
I.R.S. Identification Nos. of Above Persons (Entities Only)
Atlas Venture Fund VI GmbH & Co. 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
0 shares |
| 6 | Shared Voting Power
2,859,851 shares |
| 7 | Sole Dispositive Power
0 shares |
| 8 | Shared Dispositive Power
2,859,851 shares |
| 9 | Aggregate Amount Beneficially Owned by Each Reporting Person
2,859,851 shares |
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<td>Atlas Venture Associates VI, L.P.</td>
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<td>Sole Voting Power</td>
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<td>Sole Dispositive Power</td>
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CUSIP No. 44047T109 13G
1 Names of Reporting Persons
I.R.S. Identification Nos. of Above Persons (Entities Only)
Atlas Venture Associates VI, Inc.

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
0 shares

6 Shared Voting Power
2,859,851 shares

7 Sole Dispositive Power
0 shares

8 Shared Dispositive Power
2,859,851 shares

9 Aggregate Amount Beneficially Owned by Each Reporting Person
2,859,851 shares

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

11 Percent of Class Represented by Amount in Row 9
14.64%

12 Type of Reporting Person (See Instructions)
CO
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</table>
| 1 | Names of Reporting Persons  
I.R.S. Identification Nos. of Above Persons (Entities Only)  
Jean-Francois Formela |
| 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  
France |
| 5 | Sole Voting Power  
0 shares |
| 6 | Shared Voting Power  
2,859,851 shares |
| 7 | Sole Dispositive Power  
0 shares |
| 8 | Shared Dispositive Power  
2,859,851 shares |
| 9 | Aggregate Amount Beneficially Owned by Each Reporting Person  
2,859,851 shares |
| 10 | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) | [ ] |
| 11 | Percent of Class Represented by Amount in Row 9  
14.64% |
| 12 | Type of Reporting Person (See Instructions)  
IN |
Item 1(a). Name of Issuer:
Horizon Pharma, Inc.

Item 1(b). Address of Issuer’s Principal Executive Offices:
520 Lake Cook Road, Suite 520, Deerfield, Illinois, 60015

Item 2(a). Name of Person Filing:

AVA VI Inc. is the sole general partner of AVE VI LP. AVE VI LP is the sole general partner of Atlas VI and AVE VI and the managing limited partner of Atlas VI GmbH. Mr. Formela is a director of AVE VI Inc.

Item 2(b). Address of Principal Business Office or, if none, Residence:
The principal business office of each of the Filing Persons is:
25 First Street, Suite 303
Cambridge, MA 02141

Item 2(c). Citizenship:
Atlas VI, AVE VI and AVE VI LP is each a limited partnership formed under the laws of the State of Delaware. AVE VI Inc. is a corporation formed under the laws of the State of Delaware. Atlas VI GmbH is a limited partnership formed under the laws of Germany. Mr. Formela is a citizen of France.

Item 2(d). Title of Class of Securities:
Common Stock, $0.001 par value per share (the “Common Stock”).

Item 2(e). CUSIP Number:
44047T109

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:
Not Applicable.
Item 4. Ownership.

(a) Amount beneficially owned:

Atlas VI is the record holder of 2,726,549 shares of Common Stock as of December 31, 2011 (the “Atlas VI Shares”). Atlas VI GmbH is the record holder of 49,923 shares of Common Stock as of December 31, 2011 (the “Atlas VI GmbH Shares”). AVE VI is the record holder of 83,379 shares of Common Stock as of December 31, 2011 (the “AVE VI Shares”). By virtue of their relationship as affiliated limited partnerships, each Fund may be deemed to share the power to direct the disposition of and vote the Atlas VI Shares, the Atlas VI GmbH Shares and the AVE VI Shares, for an aggregate of 2,859,851 shares of Common Stock (the “Record Shares”). As general partner or managing limited partner, as the case may be, of certain of the Funds, and by virtue of the Funds relationship as affiliated limited partnerships, AVA VI LP may also be deemed to beneficially own the Record Shares. As the general partner of AVA VI LP, AVA VI Inc. may also be deemed to beneficially own the Record Shares. In his capacity as a director of AVA VI Inc., Mr. Formela may be deemed to beneficially own the Record Shares.

Each Filing Person disclaims beneficial ownership of the Record Shares except for such shares, if any, such Filing Person holds of record.

(b) Percent of class:

| Each Filing Person: | 14.64% |

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

| (i) Sole power to vote or to direct the vote: | 0 |
| (ii) Shared power to vote or to direct the vote: | 2,859,851 for each Filing Person |
| (iii) Sole power to dispose or direct the disposition of: | 0 |
| (iv) Shared power to dispose or direct the disposition of: | 2,859,851 for each Filing Person |

Item 5. Ownership of Five Percent or Less of a Class.
Not Applicable.

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

Not Applicable.

Item 8. Identification and Classification of Members of the Group.
Not Applicable. The Filing Persons expressly disclaim membership in a “group” as used in Rule 13d-5(b)(1).

Not Applicable.
Item 10. Certification.

Not Applicable. This statement on Schedule 13G is not filed pursuant to Rule 13d-1(b) or Rule 13d-1(c).

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 10, 2012

* Jean-Francois Formela

Atlas Venture Fund VI, L.P.
Atlas Venture Entrepreneurs' Fund VI, L.P.
By: Atlas Venture Associates VI, L.P.
their general partner
By: Atlas Venture Associates VI, Inc.
its general partner

By: * 
Name: Kristen Laguerre
Title: Vice President

Atlas Venture Fund VI GmbH & Co. KG
By: Atlas Venture Associates VI, L.P.
Its managing limited partner
By: Atlas Venture Associates VI, Inc.
Its general partner

By: * 
Name: Kristen Laguerre
Title: Vice President

Atlas Venture Associates VI, L.P.
By: Atlas Venture Associates VI, Inc.
its general partner

By: * 
Name: Kristen Laguerre
Title: Vice President
Atlas Venture Associates VI, Inc.

By: *
Name: Kristen Laguerre
Title: Vice President

*By: /s/ Kristen Laguerre
By Kristen Laguerre in her Individual capacity and as Attorney-in-Fact
Exhibit 1

AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities and Exchange Act of 1934, each of the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed with respect to the ownership by each of the undersigned of shares of stock of Horizon Pharma, Inc. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original.

Dated: February 10, 2012

* Jean-Francois Formela

Atlas Venture Fund VI, L.P.
Atlas Venture Entrepreneurs’ Fund VI, L.P.
By: Atlas Venture Associates VI, L.P.
their general partner
By: Atlas Venture Associates VI, Inc.
its general partner

By: *
Name: Kristen Laguerre
Title: Vice President

Atlas Venture Fund VI GmbH & Co. KG
By: Atlas Venture Associates VI, L.P.
Its managing limited partner
By: Atlas Venture Associates VI, Inc.
Its general partner

By: *
Name: Kristen Laguerre
Title: Vice President

Atlas Venture Associates VI, L.P.
By: Atlas Venture Associates VI, Inc.
its general partner

By: *
Name: Kristen Laguerre
Title: Vice President
Atlas Venture Associates VI, Inc.

By: * 
Name: Kristen Laguerre 
Title: Vice President 

*By: /s/ Kristen Laguerre 
By Kristen Laguerre in her 
Individual capacity and as 
Attorney-in-Fact

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 12th day of February, 2009.

/s/ Peter Barrett
Peter Barrett

/s/ Axel Bichara
Axel Bichara

/s/ Jeffrey Fagnan
Jeffrey Fagnan

/s/ Jean-Francois Formela
Jean-Francois Formela

/s/ Christopher Spray
Christopher Spray

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