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

# SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No.  $)^1$ 

| MEI Pharma, Inc.  |
|---|
| (Name of Issuer)  |
| Common Stock, par value \$0.00000002 per share  |
| (Title of Class of Securities)  |
| 55279B202   |
| (CUSIP Number)  |
| May 16, 2018  |
| (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 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, <i>see</i> the <i>Notes</i> ). |

| 1   | NAME OF REPO  | DRTING PERSON                                     |       |
|---|---|---|-------|
|   | Riotechnol  | ogy Value Fund. I. D                              |       |
| 2   | Biotechnology Value Fund, L.P.  CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) ⊠ |   |       |
|   |   |   | (b) □ |
| 3   | SEC USE ONLY  |   |       |
|   |   |   |       |
| 4   | CITIZENSHIP O   | PR PLACE OF ORGANIZATION                          |       |
|   | Delaware  |   |       |
| NUMBER OF   | 5   | SOLE VOTING POWER                                 |       |
| SHARES<br>BENEFICIALLY  |   | 0 shares  |       |
| OWNED BY  | 6   | SHARED VOTING POWER                               |       |
| EACH<br>REPORTING   |   | 2,228,478*  |       |
| PERSON WITH   | 7   | SOLE DISPOSITIVE POWER                            |       |
|   |   | 0 shares  |       |
|   | 8   | SHARED DISPOSITIVE POWER                          |       |
|   |   | 2,228,478*  |       |
| 9   | AGGREGATE A   | MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | -     |
|   | 2,228,478*  | :   |       |
| 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |   |   |       |
|   |   |   |       |
| 11  | PERCENT OF C  | LASS REPRESENTED BY AMOUNT IN ROW (9)             |       |
|   | 3.1%*   |   |       |
| 12  | TYPE OF REPO  | RTING PERSON                                      |       |
|   | PN  |   |       |

<sup>\*</sup> Includes 742,826 shares of Common Stock issuable upon the exercise of certain Warrants (as defined below in Item 4).

|                          | <del>1</del> .   |   |       |
|--------------------------|--|---|-------|
| 1                        | NAME OF REPORTING PERSON   |   |       |
|                          |  |   |       |
|                          |  | ogy Value Fund II, L.P.                           |       |
| 2                        | CHECK THE AP   | PROPRIATE BOX IF A MEMBER OF A GROUP              | (a) 🗵 |
|                          |  |   | (b) □ |
|                          |  |   |       |
| 3                        | SEC USE ONLY   |   |       |
|                          |  |   |       |
|                          |  |   |       |
| 4                        | CITIZENSHIP O  | R PLACE OF ORGANIZATION                           |       |
|                          | D 1  |   |       |
| NUMBER OF                | Delaware   | COLE MOZINO POLIZED                               |       |
| NUMBER OF                | 5  | SOLE VOTING POWER                                 |       |
| SHARES                   |  | O shares  |       |
| BENEFICIALLY<br>OWNED BY |  | 0 shares  |       |
| EACH                     | 6  | SHARED VOTING POWER                               |       |
| REPORTING                |  | 1,562,122*  |       |
| PERSON WITH              | 7  | SOLE DISPOSITIVE POWER                            |       |
| TERSON WITH              | /  | SOLE DISTOSITIVE TOWER                            |       |
|                          |  | 0 shares  |       |
|                          | 8  | SHARED DISPOSITIVE POWER                          |       |
|                          |  | SINKED DISTOSITIVE TO WEEK                        |       |
|                          |  | 1,562,122*  |       |
| 9                        | AGGREGATE A  | MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON |       |
|                          |  |   |       |
|                          | 1,562,122*   |   |       |
| 10                       | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |   |       |
|                          |  |   |       |
|                          |  |   |       |
| 11                       | PERCENT OF CI  | LASS REPRESENTED BY AMOUNT IN ROW (9)             |       |
|                          |  |   |       |
|                          | 2.2%*  |   |       |
| 12                       | TYPE OF REPOR  | RTING PERSON                                      |       |
|                          |  |   |       |
|                          | PN   |   |       |

<sup>\*</sup> Includes 520,707 shares of Common Stock issuable upon the exercise of certain Warrants.

| -            |   |  |       |
|--------------|---|--|-------|
| 1            | NAME OF REPOR   | TING PERSON  |       |
|              |   |  |       |
|              | Biotechnolog  | y Value Trading Fund OS LP                             |       |
| 2            | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)   (a)   (a)   (b)   (a)   (b)   (c)   (d)   (e)   (e)   (f)   (f)   (f)   (g)   (g) |  |       |
|              |   |  | (b) □ |
|              |   |  | ( )   |
| 3            | SEC USE ONLY  |  |       |
|              |   |  |       |
|              |   |  |       |
| 4            | CITIZENSHIP OR  | PLACE OF ORGANIZATION                                  |       |
| -            |   |  |       |
|              | Cayman Islan  | ds   |       |
| NUMBER OF    | 5   | SOLE VOTING POWER                                      |       |
| SHARES       |   |  |       |
| BENEFICIALLY |   | 0 shares   |       |
| OWNED BY     | 6   | SHARED VOTING POWER                                    |       |
| EACH         |   |  |       |
| REPORTING    |   | 372,222*   |       |
| PERSON WITH  | 7   | SOLE DISPOSITIVE POWER                                 |       |
|              |   |  |       |
|              |   | 0 shares   |       |
|              | 8   | SHARED DISPOSITIVE POWER                               |       |
|              |   |  |       |
|              |   | 372,222*   |       |
| 9            | AGGREGATE AM  | OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       | -     |
|              |   |  |       |
|              | 372,222*  |  |       |
| 10           | CHECK BOX IF T  | HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |       |
|              |   |  |       |
|              |   |  |       |
| 11           | PERCENT OF CLA  | ASS REPRESENTED BY AMOUNT IN ROW (9)                   |       |
|              |   |  |       |
|              | Less than 1%  | *  |       |
| 12           | TYPE OF REPORT  | ING PERSON   |       |
|              |   |  |       |
|              | PN  |  |       |

\* Includes 124,074 shares of Common Stock issuable upon the exercise of certain Warrants.

| 1            | NAME OF REPO                                      | DRTING PERSON   |       |
|--------------|---|---|-------|
| 1            | NAME OF REPORTING PERSON                          |   |       |
|              | BVF Partne  | ers OS Ltd.   |       |
| 2            |   | PROPRIATE BOX IF A MEMBER OF A GROUP                    | (a) 🗵 |
| _            |   |   | (b) □ |
|              |   |   | ( )   |
| 3            | SEC USE ONLY                                      |   |       |
|              |   |   |       |
|              |   |   |       |
| 4            | CITIZENSHIP O                                     | R PLACE OF ORGANIZATION                                 |       |
|              | Carrera Ial                                       | J-  |       |
| NUMBER OF    | Cayman Isl  | SOLE VOTING POWER                                       |       |
| SHARES       | 3   | SOLE VOTING POWER                                       |       |
| BENEFICIALLY |   | 0 shares  |       |
| OWNED BY     | 6   | SHARED VOTING POWER                                     |       |
| EACH         |   |   |       |
| REPORTING    |   | 372,222*  |       |
| PERSON WITH  | 7   | SOLE DISPOSITIVE POWER                                  |       |
|              |   | 0 shares  |       |
|              | 8   | SHARED DISPOSITIVE POWER                                |       |
|              |   | SHARED DISTOSITIVE TOWER                                |       |
|              |   | 372,222*  |       |
| 9            | AGGREGATE A                                       | MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       |       |
|              |   |   |       |
|              | 372,222*  |   |       |
| 10           | CHECK BOX IF                                      | THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |       |
|              |   |   |       |
| 11           | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) |   |       |
| 11           | I LICEIVI OF C                                    | ELIOU RELEXED DI LUIOUNI IN ROM (3)                     |       |
|              | Less than 1                                       | %*  |       |
| 12           | TYPE OF REPO                                      | RTING PERSON  |       |
|              |   |   |       |
|              | CO  |   |       |

<sup>\*</sup> Includes 124,074 shares of Common Stock issuable upon the exercise of certain Warrants.

| 1                                 | NAME OF REPO                | ORTING PERSON                                     |       |
|-----------------------------------|-----------------------------|---|-------|
| 1                                 | IVAIVIE OF REFORTING LEASON |   |       |
|                                   | BVF Partne                  | ers L.P.  |       |
| 2                                 |                             | PROPRIATE BOX IF A MEMBER OF A GROUP              | (a) 🗵 |
|                                   |                             |   | (b) □ |
|                                   |                             |   | ` ,   |
| 3                                 | SEC USE ONLY                |   |       |
|                                   |                             |   |       |
|                                   |                             |   |       |
| 4                                 | CITIZENSHIP O               | R PLACE OF ORGANIZATION                           |       |
|                                   | Delaware                    |   |       |
| NUMBER OF                         | 5                           | SOLE VOTING POWER                                 |       |
| SHARES                            | 3                           | SOLE VOINGTOWER                                   |       |
| BENEFICIALLY                      |                             | 0 shares  |       |
| OWNED BY                          | 6                           | SHARED VOTING POWER                               |       |
| EACH                              |                             |   |       |
| REPORTING                         |                             | 4,620,462*  |       |
| PERSON WITH                       | 7                           | SOLE DISPOSITIVE POWER                            |       |
|                                   |                             | 0 shares  |       |
|                                   | 8                           | SHARED DISPOSITIVE POWER                          |       |
|                                   |                             |   |       |
|                                   |                             | 4,620,462*  |       |
| 9                                 | AGGREGATE A                 | MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON |       |
|                                   | 4,620,462*                  |   |       |
| 10                                |                             |   |       |
|                                   |                             |   | _     |
|                                   |                             |   |       |
| 11 PERCENT OF CLASS REPRESENTED B |                             | LASS REPRESENTED BY AMOUNT IN ROW (9)             |       |
|                                   | C 40/*                      |   |       |
| 12                                | 6.4%* TYPE OF REPO          | DTINC DEDCON                                      |       |
| 12                                | I TPE OF KEPO               | ATTING PERSON                                     |       |
|                                   | PN, IA                      |   |       |

<sup>\*</sup> Includes 1,540,154 shares of Common Stock issuable upon the exercise of certain Warrants.

| 1                        | NAME OF REPO             | DRTING PERSON  |       |
|--------------------------|--------------------------|--|-------|
| 1                        | NAME OF REPORTING PERSON |  |       |
|                          | BVF Inc.                 |  |       |
| 2                        |                          | PROPRIATE BOX IF A MEMBER OF A GROUP                         | (a) 🗵 |
| _                        | CHECK THE 711            | THOTRING BOATT AT WELWIDER OF A GROOT                        | (b) □ |
|                          |                          |  | (5) = |
| 3                        | SEC USE ONLY             |  |       |
|                          |                          |  |       |
|                          |                          |  |       |
| 4                        | CITIZENSHIP O            | R PLACE OF ORGANIZATION                                      |       |
|                          | _                        |  |       |
|                          | Delaware                 |  |       |
| NUMBER OF                | 5                        | SOLE VOTING POWER  |       |
| SHARES                   |                          | 0 shaws  |       |
| BENEFICIALLY<br>OWNED BY | 6                        | 0 shares SHARED VOTING POWER                                 |       |
| EACH                     | 0                        | SHARED VOTING POWER  |       |
| REPORTING                |                          | 4,620,462*   |       |
| PERSON WITH              | 7                        | SOLE DISPOSITIVE POWER                                       |       |
|                          |                          |  |       |
|                          |                          | 0 shares   |       |
|                          | 8                        | SHARED DISPOSITIVE POWER                                     |       |
|                          |                          | 4 (20 4(2)*  |       |
| 9                        | ACCDECATE A              | 4,620,462* MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON |       |
| 9                        | AGGREGATE A              | WIOUNI BENEFICIALLI OWNED BI EACH REPORTING PERSON           |       |
|                          | 4,620,462*               |  |       |
| 10                       |                          | THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES      |       |
|                          |                          |  |       |
|                          |                          |  |       |
| 11                       | PERCENT OF C             | LASS REPRESENTED BY AMOUNT IN ROW (9)                        |       |
|                          | C 40/*                   |  |       |
| 12                       | 6.4%* TYPE OF REPO       | DTINC DEDCON   |       |
| 12                       | 1 1 PE OF KEPO           | ATING PEASON   |       |
|                          | СО                       |  |       |
|                          | 0                        |  |       |

<sup>\*</sup> Includes 1,540,154 shares of Common Stock issuable upon the exercise of certain Warrants.

| 1 NAME OF REPORTING PERSON                           | NAME OF REPORTING PERSON              |  |  |
|--|---------------------------------------|--|--|
|  |                                       |  |  |
| Mark N. Lampert                                      |                                       |  |  |
| 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP   | (a) 🗵                                 |  |  |
|  | (b) 🗆                                 |  |  |
|  | · · · · · · · · · · · · · · · · · · · |  |  |
| 3 SEC USE ONLY                                       |                                       |  |  |
|  |                                       |  |  |
|  |                                       |  |  |
| 4 CITIZENSHIP OR PLACE OF ORGANIZATION               |                                       |  |  |
| GITIZENSIIII OKTENCE OF OKOMNIZATION                 |                                       |  |  |
| United States  |                                       |  |  |
| NUMBER OF 5 SOLE VOTING POWER                        |                                       |  |  |
| SHARES SOLE VOTING POWER                             |                                       |  |  |
|  |                                       |  |  |
| BENEFICIALLY 0 shares                                |                                       |  |  |
| OWNED BY 6 SHARED VOTING POWER                       |                                       |  |  |
| EACH   |                                       |  |  |
| REPORTING 4,620,462*                                 |                                       |  |  |
| PERSON WITH 7 SOLE DISPOSITIVE POWER                 |                                       |  |  |
|  |                                       |  |  |
| 0 shares   |                                       |  |  |
| 8 SHARED DISPOSITIVE POWER                           |                                       |  |  |
|  |                                       |  |  |
| 4,620,462*   |                                       |  |  |
| 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH RE     | PORTING PERSON                        |  |  |
|  |                                       |  |  |
| 4,620,462*   |                                       |  |  |
| 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCL | UDES CERTAIN SHARES                   |  |  |
|  |                                       |  |  |
|  |                                       |  |  |
| 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) |                                       |  |  |
|  |                                       |  |  |
|  |                                       |  |  |
| 6.4%*  |                                       |  |  |
| 6.4%*  12 TYPE OF REPORTING PERSON                   |                                       |  |  |
| 6.4%*  12 TYPE OF REPORTING PERSON                   |                                       |  |  |

\* Includes 1,540,154 shares of Common Stock issuable upon the exercise of certain Warrants.

Name of Issuer: Item 1(a).

MEI Pharma, Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

> 3611 Valley Centre Drive, Suite 500 San Diego, California 92130

Name of Person Filing Item 2(a).

Item 2(b). Address of Principal Business Office or, if None, Residence

Item 2(c). Citizenship

Biotechnology Value Fund, L.P. ("BVF")

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2")

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104

Citizenship: Delaware

Biotechnology Value Trading Fund OS LP ("Trading Fund OS")

PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands

Citizenship: Cayman Islands

BVF Partners OS Ltd. ("Partners OS")

PO Box 309 Ugland House Grand Cayman, KY1-1104

Cavman Islands

Citizenship: Cayman Islands

BVF Partners L.P. ("Partners") 1 Sansome Street, 30th Floor San Francisco, California 94104 Citizenship: Delaware

BVF Inc.

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104 Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104 Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

Item 2(d). Title of Class of Securities:

Common Stock, par value \$0.00000002 per share (the "Common Stock")

Item 2(e). CUSIP Number:

55279B202

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:

|     | /x/ | Not applicable.  |
|-----|-----|--|
| (a) | //  | Broker or dealer registered under Section 15 of the Exchange Act.  |
| (b) | //  | Bank as defined in Section 3(a)(6) of the Exchange Act.  |
| (c) | //  | Insurance company as defined in Section 3(a)(19) of the Exchange Act.  |
| (d) | //  | Investment company registered under Section 8 of the Investment Company Act.   |
| (e) | //  | An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).  |
| (f) | //  | An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).   |
| (g) | //  | A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).   |
| (h) | //  | A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.   |
| (i) | //  | A church plan that is excluded from the definition of an investment company under Section $3(c)(14)$ of the Investment Company Act.  |
| (j) | //  | Group, in accordance with Rule 13d-1(b)(1)(ii)(J).   |
| (k) | //  | Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution: |

## Item 4. Ownership

(a) Amount beneficially owned:

As of the close of business on May 29, 2018, the Reporting Persons held 1,540,154 Warrants exercisable for an aggregate of 1,540,154 shares of Common Stock (the "Warrants"). The Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own, as determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, more than 9.99% of the number of shares of Common Stock then issued and outstanding (the "Beneficial Ownership Limitation"). Such Warrants have an initial exercise price of \$2.54 per share, subject to adjustment pursuant to the terms of the Warrants. As of the close of business on May 29, 2018, the Beneficial Ownership Limitation does not limit the exercise of the Warrants by the Reporting Persons.

As of the close of business on May 29, 2018 (i) BVF beneficially owned 2,228,478 shares of Common Stock, including 742,826 shares of Common Stock issuable upon the exercise of certain Warrants, (ii) BVF2 beneficially owned 1,562,122 shares of Common Stock, including 520,707 shares of Common Stock issuable upon the exercise of certain Warrants and (iii) Trading Fund OS beneficially owned 372,222 shares of Common Stock, including 124,074 shares of Common Stock issuable upon the exercise of certain Warrants.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 372,222 shares of Common Stock beneficially owned by Trading Fund OS.

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 4,620,462 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and certain Partners managed accounts (the "Partners Managed Accounts"), including 457,640 shares of Common Stock, which includes 152,547 shares of Common Stock issuable upon the exercise of certain Warrants, held in the Partners Managed Accounts.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 4,620,462 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 4,620,462 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Partners OS disclaims beneficial ownership of the shares of Common Stock beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts, and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

#### (b) Percent of class:

The following percentages are based on a denominator which is the sum of: (i) 37,323,441 shares of Common Stock outstanding, as of May 8, 2018, which is the total number of shares of Common Stock outstanding as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on May 9, 2018, (ii) the 33,003,296 shares of Common Stock issued pursuant to a securities purchase agreement, as reported in the Issuer's Current Report on Form 8-K filed with the SEC on May 16, 2018 and (iii) certain or all of the 1,540,154 shares of Common Stock underlying certain Warrants, as applicable.

As of the close of business on May 29, 2018 (i) BVF beneficially owned approximately 3.1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 2.2% of the outstanding shares of Common Stock, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding shares of Common Stock (iv) Partners OS may be deemed to beneficially own less than 1% of the outstanding shares of Common Stock, and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 6.4% of the outstanding shares of Common Stock (less than 1% of the outstanding shares of Common Stock are held in the Partners Managed Accounts).

- (c) Number of shares as to which such person has:
- (i) Sole power to vote or to direct the vote

See Cover Pages Items 5-9.

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

See Cover Pages Items 5-9.

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

See Cover Pages Items 5-9.

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

See Cover Pages Items 5-9.

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.

Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts.

Item 7. Identification and Classification of the Subsidiary That 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.

See Exhibit 99.1.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### **SIGNATURE**

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: May 29, 2018

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT

#### BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

## BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

## BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

#### BIOTECHNOLOGY VALUE TRADING FUND OS LP

By: BVF Partners L.P., its investment manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

#### **Joint Filing Agreement**

The undersigned hereby agree that the Statement on Schedule 13G dated May 29, 2018 with respect to the shares of Common Stock of MEI Pharma, Inc., and any further amendments thereto executed by each and any of the undersigned shall be filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

Dated: May 29, 2018

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT

### BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

## BIOTECHNOLOGY VALUE TRADING FUND OS LP

By: BVF Partners L.P., its investment manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President