AMICUS THERAPEUTICS INC Form SC 13G/A February 13, 2012

CUSIP No. 03152W109

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

### SCHEDULE 13G

| Under the Securities Exchange Act of 1934 |
|---|
| (Amendment No. 8)                         |
|   |

Amicus Therapeutics, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

03152W109

(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:

| [X] | 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).

Potential persons who are to 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.

Explanatory Note: This filing is being made solely to correct typographical errors in Amendment No. 7.

|                                       |             | 1. Willia                       | Name         | es of Reporting Persons.             |
|---------------------------------------|-------------|---------------------------------|--------------|--------------------------------------|
| 2.                                    |             | Check the Appropriate           | e Box if a M | Iember of a Group (See Instructions) |
| (a)                                   |             |                                 |              |                                      |
| (b) X                                 |             |                                 |              |                                      |
| 3. SEC Use Only                       |             |                                 |              |                                      |
| 4. Citizens                           | hip or Pla  | ce of Organization U            | J.S.A.       |                                      |
| Number of                             | 5.          | Sole Voting Power               |              | 0                                    |
| Shares                                | 6.          | Shared Voting Power             | 6,234,45     |                                      |
| Beneficially<br>Owned by              | 7.<br>Power | Sole Dispositive                |              | 0                                    |
| Each Reporting Person With:           | 8.<br>Power | Shared Dispositive              | 6,234,45     | 4                                    |
| 9. Aggregate Amor<br>Reporting Person |             | icially Owned by Each           | 6,234,454    | 4                                    |
| 10.                                   | Instru      | Check if the Aggregate actions) | Amount in l  | Row (9) Excludes Certain Shares (See |
| 11. Percent of Clas                   | s Represe   | ented by Amount in Row          | 17.6%        |                                      |
| 12. Type of Rep                       | oorting Pe  | rson (See Instructions)         | IN, HC       |                                      |
|                                       |             |                                 |              |                                      |

|                                       |            | 1.                        | Names of                       | Reporting Persons.               |
|---------------------------------------|------------|---------------------------|--------------------------------|----------------------------------|
|                                       |            | Anthony                   | Joonkyoo Yun,                  | MD                               |
| 2.                                    |            | Check the Appropriat      | e Box if a Memb                | er of a Group (See Instructions) |
| (a)                                   |            |                           |                                |                                  |
| (b) X                                 |            |                           |                                |                                  |
| 3. SEC Use Only                       |            |                           |                                |                                  |
| 4. Citizen                            | ship or Pl | ace of Organization       | U.S.A.                         |                                  |
| Number of                             | 5.         | Sole Voting Power         | 0                              |                                  |
| Shares                                | 6.         | Shared Voting Power       | 6,234,454                      |                                  |
| Beneficially                          | 7.         | Sole Dispositive          | 0                              |                                  |
| Owned by Each Reporting               | Power 8.   | Shared Dispositive        | 6,234,454                      |                                  |
| Person With:                          | Power      | Shared Dispositive        | 0,234,434                      |                                  |
| 9. Aggregate Amou<br>Reporting Person |            | icially Owned by Each     | 6,234,454                      |                                  |
| 10.                                   |            |                           | Amount in Row<br>Instructions) | (9) Excludes Certain Shares (See |
| 11. Percent of Clas                   | s Represe  | ented by Amount in Row    | (9) 17.6%                      |                                  |
| 12. Type of Re                        | eporting F | Person (See Instructions) | IN, HC                         |                                  |
|                                       |            |                           |                                |                                  |

|                                      |             | 1.                                   | Names of l        | Reporting Persons.               |
|--------------------------------------|-------------|--------------------------------------|-------------------|----------------------------------|
|                                      |             | Pa                                   | lo Alto Investors |                                  |
| 2.                                   |             | Check the Appropria                  | te Box if a Membe | er of a Group (See Instructions) |
| (a)                                  |             |                                      |                   |                                  |
| (b) X                                |             |                                      |                   |                                  |
| 3.SEC Use Only                       |             |                                      |                   |                                  |
| 4. Citizen                           | ship or l   | Place of Organization                | California        |                                  |
| Number of                            | 5.          | Sole Voting Power                    | 0                 |                                  |
| Shares<br>Beneficially               | 6.<br>7.    | Shared Voting Power Sole Dispositive | 6,234,454         |                                  |
| Owned by                             | Power       | Sole Dispositive                     | U                 |                                  |
| Each Reporting Person With:          | 8.<br>Power | Shared Dispositive                   | 6,234,454         |                                  |
| 9. Aggregate Amor<br>Reporting Perso |             | ficially Owned by Each               | 6,234,454         |                                  |
| 10.                                  | Ins         | Check if the Aggregate structions)   | Amount in Row (   | (9) Excludes Certain Shares (See |
| 11. Percent of Clas                  | ss Repres   | sented by Amount in Rov              | v (9) 17.6%       |                                  |
| 12. Type of R                        | eporting    | Person (See Instructions)            | ) СО, НС          |                                  |

|                             |           | 1.                             | Names of Repo        | orting Persons.              |
|-----------------------------|-----------|--------------------------------|----------------------|------------------------------|
|                             |           | Palo A                         | lto Investors, LLC   |                              |
|                             |           |                                |                      |                              |
| 2.                          |           | Check the Appropriat           | e Box if a Member of | a Group (See Instructions)   |
| (a)                         |           |                                |                      |                              |
| (b) X                       |           |                                |                      |                              |
| 3.SEC Use Only              |           |                                |                      |                              |
| 4. Citizens                 | hip or Pl | ace of Organization            | California           |                              |
| Number of                   | 5.        | Sole Voting Power              | 0                    |                              |
| Shares                      | 6.        | Shared Voting Power            | 6,234,454            |                              |
| Beneficially<br>Owned by    | 7. Power  | Sole Dispositive               | 0                    |                              |
| Each Reporting Person With: | 8. Power  | Shared Dispositive             | 6,234,454            |                              |
|                             | nt Benef  | icially Owned by Each          | 6,234,454            |                              |
| 10.                         | Instru    | Check if the Aggregate ctions) | Amount in Row (9) I  | Excludes Certain Shares (See |
| 11. Percent of Class        | Represe   | ented by Amount in Row         | (9) 17.6%            |                              |
| 12. Type of Re              | porting F | Person (See Instructions)      | OO, IA               |                              |
|                             |           |                                |                      |                              |

|  |                      | 1.                                   | Names of Reporting Persons.                                     |
|--|----------------------|--------------------------------------|---|
|  |                      | Palo Alto Heal                       | lthcare Master Fund, L.P.                                       |
| 2.   |                      | Check the Appropriate                | e Box if a Member of a Group (See Instructions)                 |
| (a)  |                      |                                      |   |
| (b) X                                      |                      |                                      |   |
| 3.SEC Use Only                             |                      |                                      |   |
| 4. Citizen                                 | ship or P            | Place of Organization                | Cayman Islands  |
| Number of                                  | 5.                   | Sole Voting Power                    | 0   |
| Shares<br>Beneficially                     | 6.<br>7.             | Shared Voting Power Sole Dispositive | 2,159,986<br>0  |
| Owned by<br>Each Reporting<br>Person With: | Power<br>8.<br>Power | Shared Dispositive                   | 2,159,986   |
| 9. Aggregate Amor<br>Reporting Perso       |                      | ficially Owned by Each               | 2,159,986   |
| 10.  |                      |                                      | Amount in Row (9) Excludes Certain Shares (Sec<br>Instructions) |
| 11. Percent of Class                       | s Repres             | ented by Amount in Row               | (9) 6.1%  |
| 12. Type of Re                             | eporting             | Person (See Instructions)            | PN  |

CUSIP No. 03152W109 1. Names of Reporting Persons. Palo Alto Healthcare Master Fund II, L.P. 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a)\_ X (b) 3. SEC Use Only 4. Citizenship or Place of Organization Cayman Islands 5. Number of Sole Voting Power 0 Shared Voting Power Shares 6. 2,783,125 Sole Dispositive Beneficially 7. 0 Owned by Power **Each Reporting** 8. Shared Dispositive 2,783,125 Person With: Power 9. Aggregate Amount Beneficially Owned by Each 2,783,125 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) 7.9%
  - 12. Type of Reporting Person (See Instructions) PN

|  |            | 1.                                 | Names of Reporting Persons.                     |
|--|------------|------------------------------------|---|
|  |            | Palo Alto                          | Healthcare Fund, L.P.                           |
| 2.                                     |            | Check the Appropriate              | e Box if a Member of a Group (See Instructions) |
| (a)                                    |            |                                    |   |
| (b) X                                  |            |                                    |   |
| 3. SEC Use Only                        |            |                                    |   |
| 4. Citizensl                           | nip or Pla | ace of Organization                | Delaware  |
| Number of                              | 5.         | Sole Voting Power                  | 0   |
| Shares                                 | 6.         | Shared Voting Power                | 1,895,819                                       |
| Beneficially<br>Owned by               | 7. Power   | Sole Dispositive                   | 0   |
| Each Reporting                         | 8.         | Shared Dispositive                 | 1,895,819                                       |
| Person With:                           | Power      | Sharea Bisposhive                  | 1,025,012                                       |
| 9. Aggregate Amoun<br>Reporting Person | nt Benef   | icially Owned by Each              | 1,895,819                                       |
| 10.                                    | Ins        | Check if the Aggregate structions) | Amount in Row (9) Excludes Certain Shares (See  |
| 11.Percent of Class                    | Represe    | ented by Amount in Row             | (9) 5.4%  |
| 12. Type of Rep                        | orting P   | erson (See Instructions)           | PN  |
|  |            |                                    |   |
|  |            |                                    |   |

|                                    |             | 1.                       | Names of Reporting Persons.                                  |  |
|------------------------------------|-------------|--------------------------|--|--|
|                                    |             | Palo Alto Ho             | ealthcare Fund II, L.P.                                      |  |
| 2.                                 |             | Check the Appropriate    | e Box if a Member of a Group (See Instructions)              |  |
| (a)                                |             |                          |  |  |
| (b) X                              |             |                          |  |  |
| 3.SEC Use Only                     |             |                          |  |  |
| 4. Citizens                        | ship or Pla | ace of Organization I    | Delaware   |  |
| Number of                          | 5.          | Sole Voting Power        | 0  |  |
| Shares                             | 6.          | Shared Voting Power      | 2,221,769  |  |
| Beneficially<br>Owned by           | 7.<br>Power | Sole Dispositive         | 0  |  |
| Each Reporting                     | 8.          | Shared Dispositive       | 2,221,769  |  |
| Person With:                       | Power       |                          | _,,,,,,,   |  |
| 9. Aggregate Ame<br>Reporting Pers |             | ficially Owned by Each   | 2,221,769  |  |
| 10.                                |             |                          | Amount in Row (9) Excludes Certain Shares (See Instructions) |  |
| 11. Percent of Clas                | s Represe   | nted by Amount in Row    | (9) 6.3%   |  |
| 12. Type of Re                     | porting Po  | erson (See Instructions) | PN   |  |
|                                    |             |                          |  |  |

| CI             | <b>ISIP</b> | No   | 03152W109  |
|----------------|-------------|------|------------|
| $\sim$ $\cdot$ |             | 110. | 0515211107 |

Item 1.

(a) Name of Issuer

Amicus Therapeutics, Inc.

(b) Address of Issuer's Principal Executive Offices

6 Cedar Brook Drive, Cranbury, NJ 08512

Item 2.

(a) The names of the persons filing this statement are:

Palo Alto Investors, LLC ("PAI")

Palo Alto Investors

William Leland Edwards

Anthony Joonkyoo Yun, MD

Palo Alto Healthcare Master Fund, L.P. ("Healthcare Master")

Palo Alto Healthcare Master Fund II, L.P. ("Healthcare Master II")

Palo Alto Healthcare Fund, L.P. ("Healthcare")

Palo Alto Healthcare Fund II, L.P. ("Healthcare II")

(collectively, the "Filers").

(b) The principal business office of the Filers except Healthcare Master and Healthcare Master II is located at:

470 University Avenue, Palo Alto, CA 94301

The principal business address of Healthcare Master and Healthcare Master II is:

Citco Fund Services (Bermuda) Limited Mintflower Place, 4th Floor 8 Par-La-Ville Road Hamilton HM 08 Bermuda

(c) For citizenship of Filers, see Item 4 of the cover sheet for each Filer.

- (d) This statement relates to shares of Common Stock of the Issuer (the "Stock").
- (e) The CUSIP number of the Issuer is: 03152W109

| Item           | 3. If this stater a:                                 | ment is filed purs                                 | suant to rule 240.  | 13d-1(b) or 240.13d-2(b) or (c), check whether the person filing   | g is |
|----------------|--|--|---|--|------|
|                | (a)  | [ ]  | Broker or dealer i  | registered under section 15 of the Act (15 U.S.C. 78o).  |      |
|                | (b)  | [ ]  | Bank as d   | defined in section 3(a)(6) of the Act (15 U.S.C. 78c).   |      |
|                | (c)  | [ ] Insu   | rance company as  | s defined in section 3(a)(19) of the Act (15 U.S.C. 78c).  |      |
| (d)[           | ]Investment  | t company regist                                   | ered under section  | n 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).   |      |
|                | (e) [x]  | An invest  | ment adviser in a   | ccordance with section 240.13d-1(b)(1)(ii)(E) (as to PAI).   |      |
| (f             | (f) [ ] Ar   | employee bene                                      | fit plan or endow   | ment fund in accordance with section 240.13d-1(b)(1)(ii)(F).   |      |
| (g)[<br>]      |  | olding company<br>Mr. Edwards and                  |   | in accordance with 240.13d-1(b)(1)(ii)(G) (as to Palo Alto   |      |
| (h)            | [ ] A saving   | gs association as                                  | defined in section  | n 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).  |      |
| (i)[           | _  |  | f 1940 (15 U.S.C  | nition of an investment company under section 3(c)(14) of the . 80a-3).  S. institution in accordance with §240.13d-1(b)(ii)(J).   |      |
|                | (k)  | [  | ] (   | Group, in accordance with Rule 13d-1(b)(1)(ii)(K).   |      |
| If fili        | ng as a non-U  | .S. institution in                                 | accordance with   | §240.13d-1(b)(1)(ii)(J), please specify the type of institution  |      |
| Item           | 4.   |  |   | Ownership.   |      |
| See I          | tems 5-9 and 1                                       | 11 of the cover p                                  | age for each File   | r.   |      |
| Item           | 5.   |  | Ownership of  | f Five Percent or Less of a Class  |      |
|                |  |  |   | as of the date hereof the reporting person has ceased to be the ss of securities, check the following [ ].   |      |
| Item           | 6.   | Owners   | ship of More than   | Five Percent on Behalf of Another Person.  |      |
| Healt<br>advis | chcare, Healthor<br>er to other inv<br>or the procee | care Master II, Frestment funds.  ds from the sale | Iealthcare II and open PAI's clients have of, the Stock. No | eral partner and investment adviser of Healthcare Master, other investment limited partnerships, and is the investment ethe right to receive or the power to direct the receipt of divided individual client, other than Healthcare Master, Healthcare olds more than five percent of the outstanding Stock. | nd   |

CUSIP No. 03152W109

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the 7. Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Palo Alto Investors is the manager of PAI. Mr. Edwards is the controlling shareholder of Palo Alto Investors. Dr. Yun is the President of PAI and Palo Alto Investors. The Filers are filing this Schedule 13G jointly, but not as members of a group, and each of them expressly disclaims membership in a group. Each of PAI, Palo Alto Investors, Mr. Edwards and Dr. Yun disclaims beneficial ownership of the Stock except to the extent of that Filer's pecuniary interest therein. In addition, the filing of this Schedule 13G on behalf of Healthcare Master, Healthcare Master II, Healthcare and Healthcare II should not be construed as an admission that they are, and they disclaim that they are, beneficial owners, as defined in Rule 13d-3 under the Securities Exchange Act of 1934, of any of the Stock covered by this Schedule 13G.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification.

Certification of PAI, Palo Alto Investors, Mr. Edwards and Dr. Yun:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

Certification of Healthcare Master, Healthcare Master II, Healthcare and Healthcare II:

By signing below I certify that, to the best of my 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.

**Exhibits** 

Exhibit A Joint Filing Agreement.

#### **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 13, 2012

PALO ALTO INVESTORS PALO ALTO INVESTORS, LLC

By:Palo Alto Investors, Manager

By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer

PALO ALTO HEALTHCARE MASTER

FUND, L.P.

PALO ALTO HEALTHCARE FUND, L.P.

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, Manager

By:Palo Alto Investors, Manager

By: /s/ Mark Shamia

By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer

Mark Shamia, Chief Operating Officer

PALO ALTO HEALTHCARE MASTER

PALO ALTO HEALTHCARE FUND II, L.P.

FUND II, L.P.

By:Palo Alto Investors, LLC, General Partner By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, Manager By:Palo Alto Investors, Manager

By: /s/ Mark Shamia By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer Mark Shamia, Chief Operating Officer

/s/ William L. Edwards /s/ Anthony Joonkyoo Yun, MD William L. Edwards Anthony Joonkyoo Yun, MD

### **EXHIBIT A** AGREEMENT REGARDING JOINT FILING OF STATEMENT ON SCHEDULE 13D OR 13G

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G (and any amendments or supplements thereto) required under section 13(d) of the Securities Exchange Act of 1934, as amended, in connection with purchases and sales by the undersigned of the securities of any issuer until such time as the undersigned file with the SEC a statement terminating this Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G. For that purpose, the undersigned hereby constitute and appoint Palo Alto Investors, LLC, a California limited liability company, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases and sales, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present, until such time as the undersigned file with the SEC a statement terminating this Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G.

Dated: December 10, 2009

PALO ALTO INVESTORS

PALO ALTO INVESTORS, LLC

By: Palo Alto Investors, Manager

/s/ Mark Shamia By:

Mark Shamia, Chief Operating Officer

By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer

PALO ALTO HEALTHCARE MASTER FUND,

L.P.

PALO ALTO HEALTHCARE FUND, L.P.

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, Manager

By: /s/ Mark Shamia

By:Palo Alto Investors, Manager

Mark Shamia, Chief Operating Officer

By: /s/ Mark Shamia Mark Shamia, Chief Operating Officer

PALO ALTO HEALTHCARE MASTER FUND II, PALO ALTO HEALTHCARE FUND II, L.P.

L.P.

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, LLC, General Partner

By:Palo Alto Investors, Manager

By:Palo Alto Investors, Manager

By: /s/ Mark Shamia

Mark Shamia, Chief Operating Officer

Mark Shamia, Chief Operating Officer

/s/ William L. Edwards

By: /s/ Mark Shamia

/s/ Anthony Joonkyoo Yun, MD

William L. Edwards

Anthony Joonkyoo Yun, MD