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

SCHEDULE 13D
(Rule 13d-101)

**Information to be Included in Statements Filed Pursuant
to § 240.13d-1(a) and Amendments Thereto Filed
Pursuant to § 240.13d-2(a)**

**Under the Securities Exchange Act of 1934
(Amendment No. 3)**

Dicerna Pharmaceuticals, Inc.
(Name of Issuer)

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

253031108
(CUSIP Number)

Bain Capital Life Sciences Investors, LLC
200 Clarendon Street
Boston, MA 02116
617-516-2000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

May 29, 2019
(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 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, as amended ("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	Names of Reporting Persons Bain Capital Life Sciences Fund, L.P.	
2	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC Use Only	
4	Source of Funds WC	
5	Check if Disclosure of Legal Proceedings is Required Pursuant to Item 2(d) or 2(e) <input type="checkbox"/>	
6	Citizenship or Place of Organization Cayman Islands	
Number of Shares Beneficially Owned by Each Reporting Person With	7	Sole Voting Power 0 shares of Common Stock
	8	Shared Voting Power 6,630,610 shares of Common Stock
	9	Sole Dispositive Power 0 shares of Common Stock
	10	Shared Dispositive Power 6,630,610 shares of Common Stock
11	Aggregate Amount Beneficially Owned by Each Reporting Person 6,630,610 shares of Common Stock	
12	Check if the Aggregate Amount in Row (11) Excludes Certain Shares <input type="checkbox"/>	
13	Percent of Class Represented by Amount in Row (11) 9.7%	
14	Type of Reporting Person PN	

1	Names of Reporting Persons BCIP Life Sciences Associates, LP	
2	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC Use Only	
4	Source of Funds WC	
5	Check if Disclosure of Legal Proceedings is Required Pursuant to Item 2(d) or 2(e) <input type="checkbox"/>	
6	Citizenship or Place of Organization Delaware	
Number of Shares Beneficially Owned by Each Reporting Person With	7	Sole Voting Power 0 shares of Common Stock
	8	Shared Voting Power 699,627 shares of Common Stock
	9	Sole Dispositive Power 0 shares of Common Stock
	10	Shared Dispositive Power 699,627 shares of Common Stock
11	Aggregate Amount Beneficially Owned by Each Reporting Person 699,627 shares of Common Stock	
12	Check if the Aggregate Amount in Row (11) Excludes Certain Shares <input type="checkbox"/>	
13	Percent of Class Represented by Amount in Row (11) 1.0%	
14	Type of Reporting Person PN	

This Amendment No. 3 to Schedule 13D relates to the Common Stock of Dicerna Pharmaceuticals, Inc. and amends the initial statement on Schedule 13D filed by the Reporting Persons on April 13, 2017, as amended by Amendment No. 1 filed on September 18, 2017 and Amendment No. 2 filed on December 19, 2017 (the "Initial Statement" and, as further amended by this Amendment No. 3, the "Schedule 13D"). Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Initial Statement.

Item 2. Identity and Background

Item 2 of the Initial Statement is hereby amended and restated as follows:

(a) This Schedule 13D is being filed jointly by Bain Capital Life Sciences Fund, L.P., a Cayman exempted limited partnership ("BC LS"), and BCIP Life Sciences Associates, LP, a Delaware limited partnership ("BCIP LS" and, together with BC LS, the "Reporting Persons").

Bain Capital Life Sciences Investors, LLC, a Delaware limited liability company ("BCI LS"), whose managers are Jeffrey Schwartz and Adam Koppel, is the general partner of Bain Capital Life Sciences Partners, LP, a Cayman exempted limited partnership ("BC LS P"), which is the general partner of BC LS.

Boylston Coinvestors, LLC, a Delaware limited liability company ("Boylston"), is the general partner of BCIP LS. BCI LS governs the investment strategy and decision-making process with respect to investments held by BCIP LS.

As a result, each of BCI LS, Mr. Schwartz and Dr. Koppel may be deemed to share voting and dispositive power with respect to the securities held by the Reporting Persons.

The Reporting Persons have entered into a Joint Filing Agreement, dated April 13, 2017, pursuant to which the Reporting Persons have agreed to file this Schedule 13D jointly in accordance with the provisions of Rule 13d-1(k)(1) promulgated under the Act.

(b) The principal business address of each of the Reporting Persons, BCI LS, BC LS P, Boylston, Mr. Schwartz and Dr. Koppel is 200 Clarendon Street, Boston, MA 02116.

(c) The Reporting Persons, BCI LS, BC LS P and Boylston are principally engaged in the business of investment in securities. Mr. Schwartz and Dr. Koppel are Managing Directors of BCI LS. The address of BCI LS is 200 Clarendon Street, Boston, MA 02116.

(d) During the last five years, none of the Reporting Persons, BCI LS, BC LS P, Boylston, Mr. Schwartz and Dr. Koppel have been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

(e) During the last five years, none of the Reporting Persons, BCI LS, BC LS P, Boylston, Mr. Schwartz and Dr. Koppel have been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violation of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

(f) BC LS and BC LS P are organized under the laws of the Cayman Islands. BCIP LS, BCI LS and Boylston are organized under the laws of the State of Delaware. Mr. Schwartz and Dr. Koppel are citizens of the United States.

Item 5. Interest in Securities of the Issuer

Item 5 of the Initial Statement is hereby amended and restated as follows:

The information set forth in or incorporated by reference in Items 2, 3 and 4 and on the cover pages of this Schedule 13D is incorporated by reference in its entirety into this Item 5.

(a), (b) As of May 31, 2019, BC LS held 6,630,610 shares of Common Stock, representing approximately 9.7% of the Issuer's outstanding shares of Common Stock, and BCIP LS held 699,627 shares of Common Stock, representing approximately 1.0% of the Issuer's outstanding shares of Common Stock. As a result of the foregoing and the relationships described in Item 2(a), the Reporting Persons may be deemed to beneficially own in the aggregate 7,330,237 shares of Common Stock, representing approximately 10.7% of the Issuer's outstanding shares of Common Stock. The percentage of the Issuer's outstanding shares of Common Stock held by the Reporting Persons is based on 68,323,979 shares of Common Stock outstanding as of May 6, 2019, as reported in the Issuer's Quarterly Report on Form 10-Q for the quarter ended March 31, 2019. The foregoing gives effect to the sale of shares described in Item 5(c) below.

(c) On May 29, 2019, the Reporting Persons sold an aggregate of 1,600,000 shares of Common Stock at a price of \$12.50 per share directly to a private investor for aggregate consideration of \$20,000,000. The offer and sale of the shares was registered pursuant to the Issuer's registration statement on Form S-3 (File No. 333-223778). In the transaction, BC LS sold 1,447,289 shares and BCIP LS sold 152,711 shares.

(d) Except as otherwise described in this Item 5, no one other than the Reporting Persons has the right to receive, or the power to direct the receipt of, dividends from, or the proceeds from the sale of, any of the Common Stock beneficially owned by the Reporting Persons as described in this Item 5.

(e) Not applicable.

SIGNATURES

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

Dated: May 31, 2019

Bain Capital Life Sciences Fund, L.P.

By: Bain Capital Life Sciences Partners, LP, its general partner

By: Bain Capital Life Sciences Investors, LLC, its general partner

By: /s/ Adam Koppel

Name: Adam Koppel

Title: Managing Director

BCIP Life Sciences Associates, LP

By: Boylston Coinvestors, LLC, its general partner

By: /s/ Adam Koppel

Name: Adam Koppel

Title: Authorized Signatory