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

SCHEDULE 13G

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

Sana Biotechnology, Inc.
(Name of Issuer)

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

799566104
(CUSIP Number)

December 31, 2021
(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).

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship V VentureLabs Rx Fund, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 1,487,371
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 1,487,371
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,487,371	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 0.8%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship Ventures Fund V, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 11,585,199
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 11,585,199
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,585,199	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 6.1%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship Ventures Fund V General Partner LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 13,072,570
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 13,072,570
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,072,570	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 6.9%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship VentureLabs V LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 11,441,326
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 11,441,326
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,441,326	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 6.1%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) VentureLabs V Manager LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 11,441,326
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 11,441,326
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11,441,326	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 6.1%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship Pioneering Fund VI, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 9,725,122
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 9,725,122
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9,725,122	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 5.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship Pioneering Fund VI General Partner LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 9,725,122
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 9,725,122
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9,725,122	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 5.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Flagship Pioneering, Inc.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 21,166,448
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 21,166,448
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 21,166,448	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Noubar B. Afeyan, Ph.D.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 34,239,018
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 34,239,018
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 34,239,018	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 18.1%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

Item 1(a). Name of Issuer:

Sana Biotechnology, Inc. (the “Issuer”)

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

188 East Blaine Street, Sute 400
Seattle, WA 98102

Item 2(a). Names of Persons Filing:

The names of the persons filing this report (collectively, the “Reporting Persons”) are:

Flagship V VentureLabs Rx Fund, L.P. (“Flagship Fund V Rx”)
Flagship Ventures Fund V, L.P. (“Flagship Fund V”)
Flagship Ventures Fund V General Partner LLC (“Flagship V GP”)
Flagship VentureLabs V LLC (“VentureLabs V”)
VentureLabs V Manager LLC (“VentureLabs V Manager”)
Flagship Pioneering Fund VI, L.P. (“Flagship Fund VI”)
Flagship Pioneering Fund VI General Partner LLC (“Flagship Fund VI GP”)
Flagship Pioneering, Inc. (“Flagship Pioneering”)
Noubar B. Afeyan, Ph.D. (“Dr. Afeyan”)

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

The address of the principal business office of each of the Reporting Persons is:

c/o Flagship Pioneering Inc.
55 Cambridge Parkway, Suite 800E
Cambridge, Massachusetts 02142

Item 2(c). Citizenship:

Flagship Fund V Rx	Delaware
Flagship Fund V	Delaware
Flagship V GP	Delaware
VentureLabs V	Delaware
VentureLabs V Manager	Delaware
Flagship Fund VI	Delaware
Flagship Fund VI GP	Delaware
Flagship Pioneering	Delaware
Dr. Afeyan	United States of America

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

Common Stock, \$0.0001 par value per share (“Common Stock”).

Item 2(e). CUSIP Number:

799566104

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.

The information required by this item with respect to each Reporting Person is set forth in Rows 5 through 9 and 11 of the cover page to this Schedule 13G. The ownership percentages reported are based on 188,832,954 shares of Common Stock outstanding as of November 5, 2021, as reported by the Issuer in its Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 8, 2021.

Flagship V GP is the general partner of each of Flagship Fund V and Flagship Fund V Rx, and, as such, may be deemed to beneficially own the shares held directly by each of Flagship Fund V and Flagship Fund V Rx.

VentureLabs V Manager is the manager of VentureLabs V, and, as such, may be deemed to beneficially own the shares held directly by VentureLabs V.

Flagship Fund VI GP is the general partner of Flagship Fund VI and, as such, may be deemed to beneficially own the shares held directly by Flagship Fund VI.

Flagship Pioneering is the manager of each of VentureLabs V Manager and Flagship Fund VI GP and, as such, may be deemed to beneficially own the shares beneficially owned by each of VentureLabs V Manager and Flagship Fund VI GP.

Dr. Afeyan is the sole manager of Flagship Fund V GP and the Chief Executive Officer, sole stockholder and director of Flagship Pioneering and, as such, may be deemed to beneficially own shares beneficially owned by each of Flagship Fund V GP and Flagship Pioneering.

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 Persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

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 Group.

Not applicable.

Item 10. Certification.

Not applicable.

Material Filed as Exhibits.

Exhibit 1 – Agreement regarding filing of joint Schedule 13G.

SIGNATURE

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

Date: February 14, 2022

FLAGSHIP V VENTURELABS RX FUND, L.P.

By: Flagship Ventures Fund V General Partner LLC
General Partner

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURES FUND V, L.P.

By: Flagship Ventures Fund V General Partner LLC
General Partner

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURES FUND V GENERAL PARTNER
LLC

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURELABS V LLC

By: VentureLabs V Manager LLC
General Partner

By: Flagship Pioneering, Inc.,
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

VENTURELABS V MANAGER LLC

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING FUND VI, L.P.

By: Flagship Pioneering Fund VI General Partner, LLC
General Partner

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING FUND VI GENERAL
PARTNER, LLC

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING, INC.

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

/s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.

AGREEMENT

The persons below hereby agree that the Schedule 13G to which this agreement is attached as an exhibit, as well as all future amendments to such Schedule 13G, shall be filed on behalf of each of them. This agreement is intended to satisfy the requirements of Rule 13d-1(k)(1)(iii) under the Securities Exchange Act of 1934.

Date: February 14, 2022

FLAGSHIP V VENTURELABS RX FUND, L.P.

By: Flagship Ventures Fund V General Partner LLC
General Partner

By: /s/ Noubar B. Afeyan, Ph.D.

Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURES FUND V, L.P.

By: Flagship Ventures Fund V General Partner LLC
General Partner

By: /s/ Noubar B. Afeyan, Ph.D.

Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURES FUND V GENERAL PARTNER
LLC

By: /s/ Noubar B. Afeyan, Ph.D.

Noubar B. Afeyan, Ph.D.
Manager

FLAGSHIP VENTURELABS V LLC

By: VentureLabs V Manager LLC
General Partner

By: Flagship Pioneering, Inc.,
Manager

By: /s/ Noubar B. Afeyan, Ph.D.

Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

VENTURELABS V MANAGER LLC

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING FUND VI, L.P.

By: Flagship Pioneering Fund VI General Partner, LLC
General Partner

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING FUND VI GENERAL
PARTNER, LLC

By: Flagship Pioneering, Inc.
Manager

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

FLAGSHIP PIONEERING, INC.

By: /s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.
CEO, Sole Stockholder & Director

/s/ Noubar B. Afeyan, Ph.D.
Noubar B. Afeyan, Ph.D.