

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 2)*

TYRA BIOSCIENCES, INC.
(Name of Issuer)
Common Stock, \$0.0001 par value
(Title of Class of Securities)
(CUSIP Number)
06/30/2026
(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)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Nextech VI Oncology SCSp Check the appropriate box if a member of a Group (see instructions)
2	☐ (a) ☒ (b)
3	Sec Use Only Citizenship or Place of Organization
4	LUXEMBOURG

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power
		3,553,585.00
		Shared Voting Power
	6	0.00
		Sole Dispositive Power
	7	3,553,585.00
		Shared Dispositive Power
	8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		3,553,585.00
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)	
		6.0 %
12	Type of Reporting Person (See Instructions)	
		PN

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons	
	Nextech VI GP S.a. r.l.	
	Check the appropriate box if a member of a Group (see instructions)	
2	☐ (a)	
	☒ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization	
	LUXEMBOURG	
		Sole Voting Power
	5	3,553,585.00
		Shared Voting Power
	6	0.00
		Sole Dispositive Power
	7	3,553,585.00
		Shared Dispositive Power
	8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		3,553,585.00
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)

6.0 %

Type of Reporting Person (See Instructions)

12

OO

SCHEDULE 13G

CUSIP No.

Names of Reporting Persons

1

Ian Charoub

Check the appropriate box if a member of a Group (see instructions)

2

☐ (a)

☒ (b)

3

Sec Use Only

Citizenship or Place of Organization

4

SWEDEN

Sole Voting Power

5

0.00

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person
With:

Shared Voting Power

6

3,553,585.00

Sole Dispositive Power

7

0.00

Shared Dispositive

Power

8

3,553,585.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

3,553,585.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

☐

Percent of class represented by amount in row (9)

11

6.0 %

Type of Reporting Person (See Instructions)

12

IN

SCHEDULE 13G

CUSIP No.

Names of Reporting Persons

1

Costas Constantinides

2

Check the appropriate box if a member of a Group (see instructions)

☐ (a)

☒ (b)

3 Sec Use Only
Citizenship or Place of Organization

4
CYPRUS

Sole Voting Power

5

0.00

Number of
Shares

Shared Voting Power

6

Beneficially
Owned by

3,553,585.00

Each

Sole Dispositive Power

7

Reporting

0.00

Person

Shared Dispositive

With:

Power

8

3,553,585.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

3,553,585.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

☐

Percent of class represented by amount in row (9)

11

6.0 %

Type of Reporting Person (See Instructions)

12

IN

SCHEDULE 13G

CUSIP No.

Names of Reporting Persons

1

Rocco Sgobbo

Check the appropriate box if a member of a Group (see instructions)

2

☐ (a)

☒ (b)

3 Sec Use Only

Citizenship or Place of Organization

4

SWITZERLAND

Number of
Shares

5

0.00

Beneficially

Shared Voting Power

Owned by

6

Each

3,553,585.00

Reporting

Sole Dispositive Power

Person

With:

7

0.00

8 Shared Dispositive

Power

3,553,585.00

Aggregate Amount Beneficially Owned by Each Reporting Person

3,553,585.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)



Percent of class represented by amount in row (9)

6.0 %

Type of Reporting Person (See Instructions)

IN

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

TYRA BIOSCIENCES, INC.

Address of issuer's principal executive offices:

(b)

2656 State Street, Carlsbad, CA, 92008.

Item 2.

Name of person filing:

(a)

The names of the persons filing this report (collectively, the "Reporting Persons") are: Nextech VI Oncology SCSp ("Nextech VI LP") Nextech VI GP S.a. r.l. ("Nextech VI GP") Ian Charoub ("Charoub") Costas Constantinides ("Constantinides") Rocco Sgobbo ("Sgobbo") The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

Address or principal business office or, if none, residence:

(b)

Bahnhofstrasse 18 Zurich, Switzerland 8001

Citizenship:

(c)

Nextech VI LP Luxembourg Nextech VI GP Luxembourg Charoub Sweden Constantinides Cyprus Sgobbo Switzerland

Title of class of securities:

(d)

Common Stock, \$0.0001 par value

(e)

CUSIP No.:

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:

(a)

☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b)

☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c)

☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d)

☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e)

☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f)

☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g)

☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h)

☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i)

☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j)

☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k)

☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

- (a) Row 9 of each Reporting Person's cover page to this Schedule 13G sets forth the aggregate number of shares of common stock of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference. Nextech VI LP holds 3,553,585 shares of common stock of the Issuer. Nextech VI GP serves as the sole general partner of Nextech VI LP and Charoub, Constantinides and Sgobbo are members of the board of managers of Nextech VI GP. Each of Nextech VI GP, Charoub, Constantinides and Sgobbo possesses power to direct the voting and disposition of the securities held by Nextech VI LP.

Percent of class:

- (b) Row 11 of each Reporting Person's cover page to this Schedule 13G sets forth the percentages of the shares of common stock of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference. The percentage set forth in each row 11 is based upon 59,470,381 shares of common stock outstanding as of May 8, 2026, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on May 13, 2026. %

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

(i) Sole power to vote or to direct the vote:

Row 5 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference.

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

Row 6 of each Reporting Person's cover page to this Schedule 13G sets forth the shared power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference.

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

Row 7 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to dispose or to direct the disposition of securities of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference.

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

Row 8 of each Reporting Person's cover page to this Schedule 13G sets forth the shared power to dispose or to direct the disposition of securities of the Issuer beneficially owned by such Reporting Person as of June 30, 2026 and is incorporated by reference.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 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. Certifications:

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, other than activities solely in connection with a nomination under § 240.14a-11.

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.

Signature: /s/ Ian Charoub

Name/Title: By Nextech VI GP S.a r.l., its General Partner, By
Ian Charoub, Manager

Date: 08/14/2026

Signature: /s/ Costas Constantinides

Name/Title: By Nextech VI GP S.a r.l., its General Partner, By
Costas Constantinides, Manager

Date: 08/14/2026

Nextech VI GP S.a. r.l.

Signature: /s/ Ian Charoub

Name/Title: By Ian Charoub, Manager

Date: 08/14/2026

Signature: /s/ Costas Constantinides

Name/Title: By Costas Constantinides, Manager

Date: 08/14/2026

Ian Charoub

Signature: /s/ Ian Charoub

Name/Title: Ian Charoub

Date: 08/14/2026

Costas Constantinides

Signature: /s/ Costas Constantinides

Name/Title: Costas Constantinides

Date: 08/14/2026

Rocco Sgobbo

Signature: /s/ Rocco Sgobbo

Name/Title: Rocco Sgobbo

Date: 08/14/2026

Exhibit Information

Exhibit 99.1 Joint Filing Agreement (incorporated by reference to Exhibit A to the Schedule 13G filed by the Reporting Persons with the SEC on November 14, 2024).