
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

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

Adicet Bio, Inc.

(Name of Issuer)

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

007002108
(CUSIP Number)

Jeffrey Ferguson
The Carlyle Group
1001 Pennsylvania Avenue, NW
Suite 220 South
Washington, D.C. 20004
(202) 729-5626

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

January 25, 2024
(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 Rule 13d-1(e), Rule 13d-1(f) or Rule 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 Rule 13d-7(b) for other parties to whom copies are to be sent.

* 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, see the Notes).

1	Names of Reporting Persons	
	The Carlyle Group Inc.	
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 (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power
		3,060,292
	9	Sole Dispositive Power
		0
	10	Shared Dispositive Power
		3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,060,292	
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)	
	4.1%	
14	Type of Reporting Person	
	CO	

1	Names of Reporting Persons Carlyle Holdings I GP Inc.	
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 (See Instructions) OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power 3,060,292
	9	Sole Dispositive Power 0
	10	Shared Dispositive Power 3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person 3,060,292	
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) 4.1%	
14	Type of Reporting Person CO	

1	Names of Reporting Persons	
	Carlyle Holdings I GP Sub L.L.C.	
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 (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power
		3,060,292
	9	Sole Dispositive Power
		0
	10	Shared Dispositive Power
		3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,060,292	
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)	
	4.1%	
14	Type of Reporting Person	
	OO (Limited Liability Company)	

1	Names of Reporting Persons Carlyle Holdings I 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 (See Instructions) OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power 3,060,292
	9	Sole Dispositive Power 0
	10	Shared Dispositive Power 3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person 3,060,292	
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) 4.1%	
14	Type of Reporting Person PN	

1	Names of Reporting Persons CG Subsidiary Holdings L.L.C.	
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 (See Instructions) OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power 3,060,292
	9	Sole Dispositive Power 0
	10	Shared Dispositive Power 3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person 3,060,292	
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) 4.1%	
14	Type of Reporting Person OO (Limited Liability Company)	

1	Names of Reporting Persons TC Group, L.L.C.	
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 (See Instructions) OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power 3,060,292
	9	Sole Dispositive Power 0
	10	Shared Dispositive Power 3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person 3,060,292	
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) 4.1%	
14	Type of Reporting Person OO (Limited Liability Company)	

1	Names of Reporting Persons	
	Carlyle Investment Management L.L.C.	
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 (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power
		3,060,292
	9	Sole Dispositive Power
		0
	10	Shared Dispositive Power
		3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,060,292	
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)	
	4.1%	
14	Type of Reporting Person	
	OO (Limited Liability Company)	

1	Names of Reporting Persons Carlyle Genesis UK LLC	
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 (See Instructions) OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 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
	8	Shared Voting Power 3,060,292
	9	Sole Dispositive Power 0
	10	Shared Dispositive Power 3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person 3,060,292	
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) 4.1%	
14	Type of Reporting Person OO (Limited Liability Company)	

1	Names of Reporting Persons	
	Abingworth LLP	
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 (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)	
	<input type="checkbox"/>	
6	Citizenship or Place of Organization	
	England and Wales	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	Sole Voting Power
		0
	8	Shared Voting Power
		3,060,292
	9	Sole Dispositive Power
		0
	10	Shared Dispositive Power
		3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,060,292	
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)	
	4.1%	
14	Type of Reporting Person	
	PN	

1	Names of Reporting Persons	
	Abingworth Bioventures 8 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 (See Instructions)	
	OO	
5	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)	
	<input type="checkbox"/>	
6	Citizenship or Place of Organization	
	England and Wales	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	Sole Voting Power
		0
	8	Shared Voting Power
		3,060,292
	9	Sole Dispositive Power
		0
	10	Shared Dispositive Power
		3,060,292
11	Aggregate Amount Beneficially Owned by Each Reporting Person	
	3,060,292	
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)	
	4.1%	
14	Type of Reporting Person	
	PN	

Explanatory Note

This Amendment No. 3 to Schedule 13D (“Amendment No. 3”) amends and supplements the Schedule 13D originally filed with the United States Securities and Exchange Commission on March 8, 2021 (as amended to date, the “Schedule 13D”), relating to the shares of common stock, par value \$0.0001 per share (the “Common Stock”), of Adicet Bio, Inc., a Delaware corporation (the “Issuer”). Capitalized terms used herein without definition shall have the meanings set forth in the Schedule 13D.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 of the Schedule 13D is hereby amended and supplemented as follows:

On January 25, 2024, Abingworth Bioventures 8 LP purchased 833,333 shares of Common Stock in a private placement from the Issuer at a purchase price of \$2.40 per share (the “January 2024 PIPE”). Abingworth Bioventures 8 LP purchased the Common Stock with its investment capital.

Item 4. Purpose of Transaction.

Item 4 of the Schedule 13D is hereby amended and supplemented as follows:

January 2024 PIPE

Item 3 above summarizes the January 2024 PIPE and is incorporated herein by reference.

Item 5. Interest in Securities of the Issuer.

Item 5 of the Schedule 13D is hereby amended and restated in its entirety as follows:

(a) – (b) The following sets forth, as of the date of this Schedule 13D, the aggregate number of shares of Common Stock and percentage of Common Stock beneficially owned by each of the Reporting Persons, as well as the number of shares of Common Stock as to which each Reporting Person has the sole power to vote or to direct the vote, shared power to vote or to direct the vote, sole power to dispose or to direct the disposition of, or shared power to dispose or to direct the disposition of, as of the date hereof, based on 75,487,588 shares of Common Stock outstanding following the closing of the January 2024 PIPE, as disclosed in the Issuer’s prospectus supplement filed with the Securities and Exchange Commission on January 24, 2024.

Reporting Person	Amount beneficially owned	Percent of class	Sole power to vote or to direct the vote	Shared power to vote or to direct the vote	Sole power to dispose or to direct the disposition	Shared power to dispose or to direct the disposition
The Carlyle Group Inc.	3,060,292	4.1%	0	3,060,292	0	3,060,292
Carlyle Holdings I GP Inc.	3,060,292	4.1%	0	3,060,292	0	3,060,292
Carlyle Holdings I GP Sub L.L.C.	3,060,292	4.1%	0	3,060,292	0	3,060,292
Carlyle Holdings I L.P.	3,060,292	4.1%	0	3,060,292	0	3,060,292
CG Subsidiary Holdings L.L.C.	3,060,292	4.1%	0	3,060,292	0	3,060,292
TC Group, L.L.C.	3,060,292	4.1%	0	3,060,292	0	3,060,292
Carlyle Investment Management L.L.C.	3,060,292	4.1%	0	3,060,292	0	3,060,292
Carlyle Genesis UK LLC	3,060,292	4.1%	0	3,060,292	0	3,060,292
Abingworth LLP	3,060,292	4.1%	0	3,060,292	0	3,060,292
Abingworth Bioventures 8 LP	3,060,292	4.1%	0	3,060,292	0	3,060,292

The shares of Common Stock reported herein include (i) 2,986,292 shares of Common Stock held of record by Abingworth Bioventures 8 LP and (ii) 74,000 shares of Common Stock underlying stock options exercisable within 60 days as of the date hereof.

The Carlyle Group Inc., which is a publicly traded entity listed on Nasdaq, is the sole shareholder of Carlyle Holdings I GP Inc., which is the sole member of Carlyle Holdings I GP Sub L.L.C., which is the general partner of Carlyle Holdings I L.P., which, with respect to the securities reported herein, is the managing member of CG Subsidiary Holdings L.L.C., which is the managing member of TC Group, L.L.C., which is the managing member of Carlyle Investment Management, L.L.C., which is the sole member of Carlyle Genesis UK LLC, which is the principal member of Abingworth LLP. Abingworth Bioventures 8 LP has delegated to Abingworth LLP all investment and dispositive power over the securities held of record by Abingworth Bioventures 8 LP. Accordingly, each of the foregoing entities may be deemed to share beneficial ownership of the securities held of record by Abingworth Bioventures 8 LP, but each disclaims beneficial ownership of such securities.

- (c) During the past 60 days, the Reporting Persons have not effected any transactions with respect to the Common Stock, other than the January 2024 PIPE,
- (d) None.
- (e) As of January 25, 2024, the Reporting Persons ceased to be the beneficial owners of more than five percent of the outstanding shares of Common Stock.

Item 7. Materials to be Filed as Exhibits.

Item 7 of the Schedule 13D is hereby amended and supplemented as follows:

<u>Exhibit Number</u>	<u>Description</u>
1	Joint Filing Agreement (previously filed)
2	Power of Attorney.

SIGNATURES

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.

Date: February 7, 2024

The Carlyle Group Inc.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Chief Financial Officer

Carlyle Holdings I GP Inc.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Managing Director and Chief Financial Officer

Carlyle Holdings I GP Sub L.L.C.

By: Carlyle Holdings I GP Inc., its sole member

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Managing Director and Chief Financial Officer

Carlyle Holdings I L.P.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Managing Director

CG Subsidiary Holdings L.L.C.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Managing Director

TC Group, L.L.C.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Managing Director

Carlyle Investment Management L.L.C.

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Chief Financial Officer

Carlyle Genesis UK LLC

By: Carlyle Investment Management L.L.C., its sole member

By: /s/ Anne Frederick, attorney-in-fact

Name: John C. Redett

Title: Chief Financial Officer

Abingworth LLP

By: /s/ John Heard

Name: John Heard

Title: Authorized Signatory

Abingworth Bioventures 8 LP

By: /s/ John Heard

Name: John Heard

Title: Authorized Signatory

POWER OF ATTORNEY

The undersigned understands that, from time to time, the Carlyle Companies (defined below) are required to prepare, execute, and file certain federal and state securities laws filings.

Know all by these presents, that the undersigned hereby constitutes and appoints each of Jeffrey Ferguson, Jeremy Anderson, Chintan Bhatt, Anne Frederick, Erica Herberg, Anat Holtzman, Andrew Howlett-Bolton, Joshua Lefkowitz, David Lobe, Elizabeth Muscarella, Sanket Patel, Robert Rosen, and Catherine Ziobro, or any of them signing singly, and with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

- (1) prepare, execute in the name of each Carlyle Company and on behalf of each Carlyle Company, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of Forms D ("Form D") required to be filed in accordance with Rule 503 ("Rule 503") promulgated with respect to Sections 4(2), 4(6) and 3(b) of the Securities Act of 1933, as amended (the "1933 Act") and reports required by Sections 13(d) and 16(a) of the Securities Exchange Act of 1934, as amended (the "1934 Act") or any rule or regulation of the SEC;
- (2) prepare and execute for and on behalf of each Carlyle Company, in the undersigned's capacity as a Chairman, authorized person, officer and/or director of each Carlyle Company, federal and state securities laws filings including without limitation Forms D pursuant to Rule 503 and Schedules 13D and 13G and Forms 3, 4, and 5 in accordance with Sections 13(d) and 16(a) of the 1934 Act and the rules thereunder;
- (3) do and perform any and all acts for and on behalf of each Carlyle Company that may be necessary or desirable to complete and execute any such federal and state securities laws filings including without limitation Forms D, Schedules 13D and 13G and Forms 3, 4, and 5, complete and execute any amendment or amendments thereto, and timely file such form with the SEC and the securities administrators of any state, the District of Columbia, the Commonwealth of Puerto Rico, Guam and the United States Virgin Islands or their designees and any stock exchange or similar authority; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted, whether the same needs to be executed, taken or done by him in his capacity as a current or former member, partner, shareholder, director or officer of any company, partnership, corporation, organization, firm, branch or other entity connected with, related to or affiliated with any of the entities constituting the Carlyle Companies or entities that directly or indirectly hold interests in the Carlyle Companies.

The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming any of the undersigned's responsibilities to comply with federal and state securities laws, including without limitation Rule 503 of the 1933 Act or Section 13 and Section 16 of the 1934 Act.

This Power of Attorney and all authority conferred hereby shall not be terminated by operation of law, whether by the death or incapacity of the undersigned or by occurrence of any other event. Actions taken by an attorney-in-fact pursuant to this Power of Attorney shall be as valid as if any event described in the preceding sentence had not occurred, whether or not the attorney-in-fact shall have received notice of such event. Notwithstanding the foregoing, (i) in the event that an attorney-in-fact is no longer employed by The Carlyle Group Employee Co., L.L.C. or its affiliates, this Power of Attorney and all authority conferred hereby shall be immediately terminated with respect to such Attorney, and (ii) the undersigned may terminate or revoke this Power of Attorney at any time.

For purposes hereof, the "Carlyle Companies" shall consist of: (i) Carlyle Group Management L.L.C., The Carlyle Group Inc., Carlyle Holdings I GP Inc., Carlyle Holdings I GP Sub L.L.C., Carlyle Holdings I L.P., TC Group, L.L.C., Carlyle Holdings II GP L.L.C., Carlyle Holdings II L.L.C., CG Subsidiary Holdings L.L.C., TC Group Investment Holdings Limited Partner L.L.C., TC Group Investment Holdings, L.P., Carlyle Holdings III GP L.P., Carlyle Holdings III GP Sub L.L.C., Carlyle Holdings III L.P., TC Group Cayman L.P., TC Group Sub L.P., TC Group Investment Holdings Sub L.P., TC Group Cayman Investment Holdings, L.P., TC Group Cayman Investment Holdings Sub L.P., TC Group Cayman, L.P., TC Group Cayman Sub L.P., Five Overseas CG Investment L.L.C. and (ii) the subsidiaries and affiliates of the foregoing in clause (i), including without limitation investment funds sponsored directly or indirectly by one or more of the Carlyle Companies.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 1st day of October, 2023.

By: /s/ John C. Redett

Name: John C. Redett

Title: Chief Financial Officer