UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT

Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-233558 Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-203929

UNDER
THE SECURITIES ACT OF 1933

ADAPTIMMUNE THERAPEUTICS PLC

(Exact name of registrant as specified in its charter)

England and Wales

(State or other jurisdiction of incorporation or organization)

Not Applicable (I.R.S. Employer Identification No.)

60 Jubilee Avenue, Milton Park Abingdon, Oxfordshire OX14 4RX United Kingdom (44) 1235 430000

(Address of principal executive offices, including zip code)

Adaptimmune Limited Share Option Scheme
Adaptimmune Limited 2014 Share Option Scheme
Adaptimmune Limited Company Share Option Plan
Adaptimmune Therapeutics plc 2015 Share Option Scheme
Adaptimmune Therapeutics plc 2016 Employee Share Option Scheme
Adaptimmune Therapeutics plc Company Share Option Plan
(Full title of the plans)

ADAPTIMMUNE LLC
351 Rouse Boulevard, The Navy Yard
Philadelphia, PA 19112
United States of America
+ 1 215 825 9260

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

David S. Bakst Mayer Brown LLP 1221 Avenue of the Americas New York, New York 10020 + 1 212 506 2500 Adrian Rawcliffe Chief Executive Officer Adaptimmune Therapeutics plc 60 Jubilee Avenue, Milton Park Abingdon, Oxfordshire OX14 4RX United Kingdom (44) 1235 430000

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer "
Non-accelerated filer x

Accelerated filer "
Smaller reporting company x
Emerging growth company "

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. "

EXPLANATORY NOTE

These Post-Effective Amendments (the "Amendments") relate to the following Registration Statements on Form S-8 of Adaptimmune Therapeutics plc ("Adaptimmune"):

- Registration Statement No. 333-203929, filed with the Securities and Exchange Commission (the "Commission") on May 6, 2015; and
- Registration Statement No. 333-233558, filed with the Commission on August 30, 2019 (collectively, the "Registration Statements").

The Registration Statements relate to ordinary shares of Adaptimmune, par value £0.001 per ordinary share, issuable under the Adaptimmune Limited Share Option Scheme, Adaptimmune Limited 2014 Share Option Scheme, Adaptimmune Limited Company Share Option Plan, Adaptimmune Therapeutics plc 2015 Share Option Scheme, Adaptimmune Therapeutics plc 2016 Employee Share Option Scheme and Adaptimmune Therapeutics plc Company Share Option Plan.

These Amendments are being filed solely to reflect amendments to the Adaptimmune Therapeutics plc 2015 Share Option Scheme (the "2015 SOS") and the Adaptimmune Therapeutics plc 2016 Employee Share Option Scheme (the "2016 ESOS" and together with the 2015 SOS, the "Plans") effected on June 29, 2023. These amendments were approved by Adaptimmune's Board of Directors on June 29, 2023 to change the definition of "Eligible Person" under the Plans to enable the grant of replacement share options to former employees, directors and consultants of TCR² Therapeutics Inc. ("TCR²") following the closing of the merger between Adaptimmune and TCR² on June 1, 2023.

PART II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Exhibit Exhibit	
24.1*	Powers of Attorney (included on the signature page hereto)
99.1**	Adaptimmune Therapeutics plc 2015 Share Option Scheme (incorporated by reference to Exhibit 10.1 to Adaptimmune Therapeutics plc's Current Report on Form 8-K (SEC File No. 001-37368) filed on June 29, 2023)
99.2**	Adaptimmune Therapeutics plc 2016 Employee Share Option Scheme (incorporated by reference to Exhibit 10.2 to Adaptimmune Therapeutics plc.'s Current Report on Form 8-K (SEC File No. 001-37368) filed on June 29, 2023)
*	Filed herewith. Incorporated herein by reference

^{**} Incorporated herein by reference.

Item 8.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused these Post-Effective Amendments to the Registration Statements on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in Oxfordshire, England, on June 29, 2023.

ADAPTIMMUNE THERAPEUTICS PLC

By: /s/ Adrian Rawcliffe
Adrian Rawcliffe
Chief Executive Officer and Director

POWERS OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Adrian Rawcliffe and Gavin Wood, and each of them, their true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for them and in their name, place and stead, in any and all capacities, to sign any and all amendments (including pre- and post-effective amendments) to the Registration Statements referenced herein, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as such person might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact, or his substitute or substitutes, may lawfully do or cause to be done by virtue thereof.

Pursuant to the requirements of the Securities Act of 1933, these Post-Effective Amendments to the Registration Statements on Form S-8 have been signed by the following persons in the capacities indicated below on June 29, 2023.

Signature	Title	Date
/s/ Adrian Rawcliffe Adrian Rawcliffe	Chief Executive Officer and Director (Principal Executive Officer)	June 29, 2023
/s/ Gavin Wood Gavin Wood	Chief Financial Officer (Principal Accounting and Financial Officer)	June 29, 2023
/s/ David M. Mott David M. Mott	Chairman of the Board of Directors	June 29, 2023
/s/ Andrew Allen, M.D., Ph.D. Andrew Allen, M.D., Ph.D.	Director	June 29, 2023
/s/ Lawrence M. Alleva Lawrence M. Alleva	Director	June 29, 2023
/s/ Ali Behbahani, M.D. Ali Behbahani, M.D.	Director	June 29, 2023
/s/ John Furey John Furey	Director	June 29, 2023
/s/ Priti Hedge, Ph.D. Priti Hedge, Ph.D.	Director	June 29, 2023
/s/ Garry Menzel, Ph.D. Garry Menzel, Ph.D.	Director	June 29, 2023
/s/ Elliott Sigal, M.D., Ph.D. Elliott Sigal, M.D., Ph.D.	Director	June 29, 2023