

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

**Current Report
Pursuant to Section 13 or 15(d) of
the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **September 19, 2016**

ADAPTIMMUNE THERAPEUTICS PLC

(Exact name of registrant as specified in its charter)

England and Wales
(State or other jurisdiction of
incorporation)

1-37368
(Commission File Number)

Not Applicable
(IRS Employer Identification No.)

**101 Park Drive, Milton Park
Abingdon, Oxfordshire OX14 4RY
United Kingdom**
(Address of principal executive offices, including zip code)

(44) 1235 430000
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01. Entry into a Material Definitive Agreement.

On September 13, 2016, Adaptimmune Therapeutics plc (the "Company") entered into a new five-year strategic manufacturing agreement with PCT, a Caladrius company, ("PCT") a subsidiary of Caladrius Biosciences (Nasdaq: CLBS), for the supply of the Company's SPEAR® T-cell therapies (the "Agreement").

Item 8.01. Other Events.

On September 19, 2016, the Company issued a press release announcing the Agreement. A copy of the press release is furnished as Exhibit 99.1 to this report.

The information in Item 8.01 of this Form 8-K (including the attached Exhibit 99.1) shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference under the Securities Act of 1933, as amended, except as expressly set forth by specific reference in such a filing, regardless of any general incorporation language in any such filing, unless the Company expressly sets forth in such filing that such information is to be considered "filed" or incorporated by reference therein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The following exhibit is furnished as part of this Report on Form 8-K:

Exhibit No.	Description of Exhibit
99.1	Press Release dated September 19, 2016.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

ADAPTIMMUNE THERAPEUTICS PLC

Date: September 19, 2016

By: /s/ Margaret Henry

Name: Margaret Henry
Title: Corporate Secretary

3

Exhibit Index

Exhibit No.	Description of Exhibit
--------------------	-------------------------------

99.1	Press Release dated September 19, 2016
------	--

4



Adaptimmune Announces Strategic Manufacturing Agreement with PCT to Support Development of SPEAR® T-cell Therapies Towards Commercialization

PHILADELPHIA, Pa. and OXFORD, UK, September 19, 2016 — Adaptimmune Therapeutics plc (Nasdaq: ADAP), a leader in T-cell therapy to treat cancer, today announced that it has entered into a new five-year strategic manufacturing agreement with PCT, a Caladrius company, (“PCT”) a subsidiary of Caladrius Biosciences (Nasdaq: CLBS) for the supply of Adaptimmune’s SPEAR® T-cell therapies. Under the contract, Adaptimmune will benefit from exclusive access to an EU and FDA compliant manufacturing unit at PCT as well as dedicated, specialist staff.

Adaptimmune’s relationship with PCT, a contract manufacturer of patient cell therapy products, is intended to provide Adaptimmune with maximum operational flexibility for the manufacture of its SPEAR T-cell products from development, through clinical manufacturing and ultimately, subject to marketing authorizations, into commercialization.

“PCT is an elite contract manufacturing organization in the field of patient-specific cell therapies, and we are very pleased to strengthen and develop our existing relationship” said Dr. Gwendolyn Binder-Scholl, Adaptimmune’s Chief Technology Officer. “We have worked with PCT over the past three years and their commitment to high quality manufacturing, allied to timely delivery, makes them an ideal manufacturing partner for Adaptimmune. This arrangement will also complement well our new manufacturing plant currently under construction in Philadelphia.”

“We are pleased to significantly advance our relationship with Adaptimmune, which began with earlier-phase clinical trials. PCT is committed to adapting our service arrangements to support our client’s evolving needs as they proceed through late-stage trials and into commercial manufacturing,” said Robert A. Preti, PhD, President of PCT and Senior Vice President, Manufacturing and Technical Operations of Caladrius Biosciences. “We appreciate Adaptimmune’s continued trust in PCT’s ability to support the distribution of their groundbreaking technologies in the U.S. and Europe.”

Adaptimmune’s SPEAR T-cell therapies are novel cancer immunotherapies that use enhanced affinity T-cell receptors (TCRs) to target and destroy cancer cells by strengthening a patient’s natural T-cell response. T-cells are a type of white blood cell that play a central role in a person’s immune response to disease.

The manufacturing process for Adaptimmune’s SPEAR T-cell therapies consists of isolating T-cells from the blood of cancer patients; transferring affinity enhanced TCRs, which have been modified to recognize cancer cells, into the cells; activating and expanding the T-cells; and, introducing the affinity enhanced cells back into the patient to enable the patient’s immune system to attack cancer.

About Adaptimmune

Adaptimmune is a clinical stage biopharmaceutical company focused on novel cancer immunotherapy products based on its SPEAR® (Specific Peptide Enhanced Affinity Receptor) T-cell platform. Established in 2008, the company aims to utilize the body’s own

machinery - the T-cell - to target and destroy cancer cells by using engineered, increased affinity TCRs as a means of strengthening natural patient T-cell responses. Adaptimmune’s lead program is a SPEAR T-cell therapy targeting the NY-ESO cancer antigen. Its NY-ESO SPEAR T-cell therapy has demonstrated signs of efficacy and tolerability in Phase 1/2 trials in solid tumors and in hematologic cancer types, including synovial sarcoma and multiple myeloma. Adaptimmune has a strategic collaboration and licensing agreement with GlaxoSmithKline for the development and commercialization of the NY-ESO TCR program. In addition, Adaptimmune has a number of proprietary programs. These include SPEAR T-cell therapies targeting the MAGE-A10 and AFP cancer antigens, which both have open INDs, and a further SPEAR T-cell therapy targeting the MAGE-A4 cancer antigen that is in pre-clinical phase with IND acceptance targeted for 2017. The company has identified over 30 intracellular target peptides preferentially expressed in cancer cells and is currently progressing 12 through unpartnered research programs. Adaptimmune has over 250 employees and is located in Oxfordshire, U.K. and Philadelphia, USA. For more information: <http://www.adaptimmune.com>

About PCT, a Caladrius Company

PCT, a Caladrius Company (PCT), a subsidiary of Caladrius Biosciences, Inc., is a leading contract development and manufacturing organization in the cellular therapy industry that works with clients to achieve commercial-readiness for their products. PCT and Hitachi Chemical Co. have entered into a strategic global collaboration to accelerate the creation of a global commercial cell therapy development and manufacturing enterprise with deep engineering expertise. For more than 17 years, PCT has provided pre-clinical and clinical cGMP development and manufacturing services to more than 100 clients, advancing cell therapy and immunotherapy product candidates from the development stage all the way through to commercialization. PCT offers manufacturing of cell therapy products, engineering and innovation services, process and analytical development, cell and tissue processing, consulting, collection and storage. These services enable clients to focus on quality, cost of goods, scalability and sustainability as key mile markers as they think beyond regulatory approval. For more information: <http://www.pctcaladrius.com>

Forward-Looking Statements

This release contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 (PSLRA). These forward-looking statements involve certain risks and uncertainties. Such risks and uncertainties could cause our actual results to differ materially from those indicated by such forward-looking statements, and include, without limitation: the success, cost and timing of our product development activities and clinical trials and our ability to successfully advance our TCR therapeutic candidates through the regulatory and commercialization processes. For a further description of the risks and uncertainties that could cause our actual results to differ materially from those expressed in these forward-looking statements, as well as risks relating to our business in general, we refer you to our Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (SEC) on August 8, 2016, and our other SEC filings. The forward-looking statements contained in this press release speak only as of the date the statements were made and we do not undertake any obligation to update such forward-looking statements to reflect subsequent events or circumstances.

Adaptimmune Contacts

Will Roberts
Vice President, Investor Relations

Margaret Henry
Head of PR
T: +44 (0)1235 430036
Mobile: +44 (0)7710 304249
E: margaret.henry@adaptimmune.com

Caladrius Biosciences, Inc. Contact

Eric Powers
Director, Communications and Marketing
Phone: +1-212-584-4173
Email: epowers@caladrius.com
