

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* ORBIMED ADVISORS LLC  (Last) (First) (Middle) 601 LEXINGTON AVENUE, 54TH FLOOR  (Street) NEW YORK, NY 10022  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2016	3. Issuer Name and Ticker or Trading Symbol Adaptimmune Therapeutics PLC [ADAP]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed (Month/Day/Year)
		6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares with a nominal value of GBP0.001 per share	25,408,300	I	See Footnotes <a href="#">(2)</a> <a href="#">(3)</a>
Ordinary Shares with a nominal value of GBP0.001 per share <a href="#">(1)</a>	2,632,704	I	See Footnotes <a href="#">(2)</a> <a href="#">(3)</a>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ORBIMED ADVISORS LLC 601 LEXINGTON AVENUE, 54TH FLOOR NEW YORK, NY 10022	X			
OrbiMed Capital GP V LLC 601 LEXINGTON AVENUE, 54TH FLOOR NEW YORK, NY 10022	X			
ISALY SAMUEL D 601 LEXINGTON AVENUE, 54TH FLOOR NEW YORK, NY 10022	X			

## Signatures

/s/ Samuel D. Isaly Name: Samuel D. Isaly	01/04/2016
**Signature of Reporting Person	Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Represented by 438,784 American Depositary Shares ("ADSs") held of record by OrbiMed Private Investments V, LP ("OPI V"). OPI V holds these ordinary shares in the form of ADSs. Each ADS represents six ordinary shares of Adaptimmune Therapeutics plc.

(2) These securities are held of record by OPI V. OrbiMed Capital GP V LLC ("GP V") is the sole general partner of OPI V, and OrbiMed Advisors LLC ("Advisors") is the managing member of GP V. Samuel D. Isaly ("Isaly"), a natural person, is the managing member of and owner of a controlling interest in Advisors. By virtue of such relationships, GP V, Advisors and Isaly may be deemed to have voting and investment power over the securities held by OPI V and as a result may be deemed to have beneficial ownership over such securities.

This report on Form 3 is jointly filed by GP V, Advisors, and Isaly. Each of the Reporting Persons disclaims beneficial ownership of the securities reported herein for purposes of Rule 16a-1(a) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), except to the extent of its or his pecuniary interest therein, if any.

(3) The Reporting Persons have designated a representative, currently Peter Thompson, an employee of Advisors, to serve on the issuer's board of directors. This report on Form 3 shall not be deemed an admission that any such entity or person, including the Reporting Persons, is a beneficial owner of such securities for the purpose of Section 16 of the Exchange Act, or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.