
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

SCHEDULE 13G

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

Achilles Therapeutics plc
(Name of Issuer)

American Depositary Shares, each representing one ordinary share, nominal value £0.001 per share
(Title of Class of Securities)

00449L102
(CUSIP Number)

31 DECEMBER 2021
(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)

* 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 the disclosures provided in a prior cover page.

The information required in 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 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	Forbion Capital Fund IV Coöperatief U.A.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	The Netherlands	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 2,390,050
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 2,390,050
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,390,050	
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 5.89% (1)	
12.	TYPE OF REPORTING PERSON OO	

¹ This percentage is calculated based upon 40,603,489 ordinary shares outstanding as of September 30, 2021, as reported in Exhibit 99.2 to the Issuer's Report on Form 6-K filed with the Securities and Exchange Commission on November 9, 2021.

1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	Forbion IV Management B.V.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	The Netherlands	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5.	SOLE VOTING POWER 0
	6.	SHARED VOTING POWER 2,390,050
	7.	SOLE DISPOSITIVE POWER 0
	8.	SHARED DISPOSITIVE POWER 2,390,050
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,390,050	
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 5.89% (2)	
12.	TYPE OF REPORTING PERSON OO	

2 This percentage is calculated based upon 40,603,489 ordinary shares outstanding as of September 30, 2021, as reported in Exhibit 99.2 to the Issuer's Report on Form 6-K filed with the Securities and Exchange Commission on November 9, 2021.

Item 1(a). Name of Issuer:

Achilles Therapeutics plc

Item 1(b). Address of Issuer's Principal Executive Offices:

245 Hammersmith Road, London W6 8PW, United Kingdom

Item 2(a). Name of Person Filing:

This Statement is being filed by Forbion Capital Fund IV Coöperatief U.A. ("Forbion IV COOP"), and Forbion IV Management B.V. ("Forbion IV"), the director of Forbion IV COOP. Forbion IV COOP and Forbion IV are sometimes referred to collectively herein as the "Reporting Persons".

Item 2(b). Address of Principal Business Office or, if None, Residence:

The address of the principal business and principal office of each of the Reporting Persons is c/o Forbion Capital Partners, Gooimeer 2-35, 1411 DC Naarden, The Netherlands.

Item 2(c). Citizenship:

Forbion Capital Fund IV Coöperatief U.A. – The Netherlands

Forbion IV Management B.V. – The Netherlands

Item 2(d). Title of Class of Securities:

American Depositary Shares, each representing one ordinary share, nominal value £0.001 per share

Item 2(e). CUSIP Number: 00449L102**Item 3.****Item 4. Ownership.**

Forbion IV COOP is the beneficial owner of 2,390,050 American Depositary Shares, each representing one ordinary share (the "Shares"). Forbion IV, the director of Forbion IV COOP, has voting and investment power over the shares held by Forbion IV COOP, which are exercised through Forbion IV's investment committee, consisting of H. A. Sloopweg, M. A. van Osch, G. J. Mulder, H.N. Reithinger, M. Boorsma, V. van Houten and S. J. H. van Deventer. None of the members of the investment committee have individual voting and investment power with respect to such shares, and the members disclaim beneficial ownership of such shares except to the extent of their proportionate pecuniary interests therein.

(a) Amount beneficially owned: 2,390,050

(b) Percent of class: 5.89%

- (c) Number of shares as to which such person has:
- (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 2,390,050
 - (iii) Sole power to dispose or to direct the disposition of: 0
 - (iv) Shared power to dispose or to direct the disposition of: 2,390,050

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

Not applicable.

Item 6. Ownership of More than Five 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.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

The Reporting Persons are making this single, joint filing because they may be deemed to constitute a “group” within the meaning of Section 13(d)(3) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). The Reporting Persons disclaim membership in a group and this report shall not be deemed an admission by any of the Reporting Persons that they are or may be members of a “group” for purposes of Rule 13d-5 or for any other purpose.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

Not applicable .

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.

Date: February 11, 2022

FORBION CAPITAL FUND IV COÖPERATIEF U.A.

By: /s/ V. van Houten /s/ H.A. Slootweg

Name: V. van Houten H.A. Slootweg

Title: directors of its

Director

FORBION IV MANAGEMENT B.V.

By: /s/ V. van Houten /s/ H.A. Slootweg

Name: V. van Houten H.A. Slootweg

Title: its Directors