

Prothena Corp plc  
Form 8-K  
September 28, 2017

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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FORM 8-K

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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 28, 2017

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PROTHENA CORPORATION PUBLIC LIMITED COMPANY  
(Exact Name of Registrant as Specified in its Charter)

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|   |                             |                                      |
|---|-----------------------------|--------------------------------------|
| Ireland   | 001-35676                   | 98-1111119                           |
| (State or Other Jurisdiction<br>of Incorporation) | (Commission<br>File Number) | (IRS Employer<br>Identification No.) |

Adelphi Plaza  
Upper George's Street  
Dún Laoghaire  
Co. Dublin, A96 T927, Ireland  
(Address of principal executive offices including Zip Code)  
Registrant's telephone number, including area code: 011-353-1-236-2500  
(Former Name or Former Address, if Changed Since Last Report.)

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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 (see General Instruction A.2. below):

- 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))
- Indicate by check mark whether the registrant is an emerging growth company as defined in as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).
- 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 13(a) of the Exchange Act.

Item 8.01. Other Events

On September 28, 2017, Prothena Corporation plc issued a press release announcing results from a Phase 1b multiple ascending dose study of PRX003, an investigational monoclonal antibody for the potential treatment of inflammatory diseases. That press release is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

Exhibit No. Description

99.1 Press Release dated September 28, 2017.

**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.

Date: September 28, 2017      PROTHENA  
CORPORATION PLC

By:            /s/ Tran B.  
                Nguyen  
Name:         Tran B.  
                Nguyen  
Title:         Chief Financial  
                Officer