

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

FORM 20-F/A
Amendment No. 1

(Mark One)

REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934

OR

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2017

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

OR

SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of event requiring this shell company report

Commission File Number 001-38281

ERYTECH Pharma S.A.

(Exact name of registrant as specified in its charter and translation of registrant's name into English)

France

(Jurisdiction of incorporation or organization)

Bâtiment Adénine, 60 Avenue Rockefeller
69008 Lyon France

(Address of principal executive offices)

Gil Beyen

Chairman and Chief Executive Officer
ERYTECH Pharma S.A.

Bâtiment Adénine, 60 Avenue Rockefeller
69008 Lyon France

Tel: +33 4 78 74 44 38 Fax: +33 4 78 75 56 29

(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act.

Title of each class

American Depositary Shares, each representing one ordinary share,
nominal value €0.10 per share
Ordinary shares, nominal value €0.10 per share*

Name of each exchange on which registered

The Nasdaq Global Select Market

The Nasdaq Global Select Market*

* Not for trading, but only in connection with the registration of the American Depositary Shares.

Securities registered or to be registered pursuant to Section 12(g) of the Act. None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act. None

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report.

Ordinary shares, nominal value €0.10 per share: 17,937,559 as of December 31, 2017

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

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

Large accelerated filer Accelerated filer
Non-accelerated filer Emerging growth company

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, 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.

† The term "new or revised financial accounting standard" refers to any update issued by the Financial Accounting Standards Board to its Accounting Standards Codification after April 5, 2012.

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP International Financial Reporting Standards as issued by the International Accounting Standards Board Other

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow. Item 17 Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

EXPLANATORY NOTE

This Amendment No. 1 (“Amendment No. 1”) to the Annual Report on Form 20-F of ERYTECH Pharma S.A. for the year ended December 31, 2017 (the “2017 Annual Report”), which was originally filed with the U.S. Securities and Exchange Commission on April 24, 2018, is being filed solely to furnish Exhibit 101 in accordance with Rule 405 of Regulation S-T. Exhibit 101, which contains interactive data files in eXtensible Business Reporting Language (XBRL), was omitted from the 2017 Annual Report in accordance with the 30-day grace period provided under Rule 405(a)(2)(ii) of Regulation S-T.

Except as described above, this Amendment No. 1 speaks as of the original filing date of the 2017 Annual Report and does not amend, update or restate any information set forth in the 2017 Annual Report or reflect any events that occurred subsequent to the original filing date of the 2017 Annual Report.

Item 19. Exhibits.

The exhibits listed below are furnished as exhibits to this Amendment No. 1 to the Annual Report on Form 20-F.

<u>Exhibit</u>	<u>Description</u>
101.INS*	XBRL Instance Document
101.SCH*	XBRL Taxonomy Extension Schema Linkbase Document
101.CAL*	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB*	XBRL Taxonomy Extension Label Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document

* In accordance with Rule 402 of Regulation S-T, the information in these exhibits shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liability of that section, and shall not be incorporated by reference into any registration statement or other document filed under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this Amendment No. 1 to the Annual Report on Form 20-F on its behalf.

ERYTECH Pharma S.A.

/s/ Gil Beyen

By: Gil Beyen

Title: Chief Executive Officer
(Principal Executive Officer)

Date: May 23, 2018