UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 or 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of February, 2021

Commission File Number: 001-38452

MEREO BIOPHARMA GROUP PLC

(Translation of registrant's name into English)

4th Floor, One Cavendish Place, London, W1G 0QF, United Kingdom (Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ⊠ Form 40-F □

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

<u>Exhibit Index</u>

<u>Exhibits</u>

99.1 Press release dated February 12, 2021.

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

Date: February 12, 2021

MEREO BIOPHARMA GROUP PLC

By: /s/ Charles Sermon

Name: Charles Sermon Title: General Counsel

Mereo BioPharma Group plc Announces Closing of Public Offering of American Depositary Shares and Full Exercise of Underwriters' Option to Purchase Additional American Depositary Shares

LONDON and REDWOOD CITY, Calif., Feb. 12, 2021 (GLOBE NEWSWIRE) — Mereo BioPharma Group plc (NASDAQ: MREO) ("Mereo" or the "Company"), a clinical-stage biopharmaceutical company focused on oncology and rare diseases, announced the closing of its previously announced underwritten public offering of 39,675,000 American Depositary Shares ("ADSs"), at a public offering price of \$2.90 per ADS, which includes 5,175,000 additional ADSs issued upon the exercise in full of the underwriters' option to purchase additional ADSs. Each ADS represents five ordinary shares of Mereo. The aggregate gross proceeds to Mereo from the offering, before deducting underwriting discounts and commissions and offering expenses were \$115.1 million. All of the ADSs in the offering were sold by Mereo.

SVB Leerink acted as sole book-running manager for the offering. BTIG and Needham & Company acted as the co-lead managers for the offering.

The securities were offered pursuant to a shelf registration statement on Form F-3 which has been filed with the U.S. Securities and Exchange Commission (the "SEC") and was declared effective on October 21, 2020. This offering was made only by means of a prospectus supplement and accompanying prospectus that form a part of the registration statement. A final prospectus supplement and accompanying prospectus relating to the offering has been filed with the SEC and is available for free on the SEC's website located at http://www.sec.gov. Copies of the final prospectus supplement and accompanying prospectus relating to this offering may also be obtained by contacting SVB Leerink LLC, Attention: Syndicate Department, One Federal Street, 37th Floor, Boston, MA, 02110, by telephone at 1-800-808-7525, ext. 6105, or by email at syndicate@svbleerink.com.

This press release does not constitute an offer to sell or a solicitation of an offer to buy any of these securities, nor will there be any sale of these securities in any state or other jurisdiction in which such offer, solicitation or sale is not permitted.

About Mereo BioPharma

Mereo BioPharma is a biopharmaceutical company focused on the development and commercialization of innovative therapeutics that aim to improve outcomes for oncology and rare diseases. The Company has developed a portfolio of six clinical stage product candidates. Mereo's lead oncology product candidate, etigilimab (Anti-TIGIT) has recently advanced into an open label Phase 1b/2 basket study evaluating Anti-TIGIT in combination with an anti-PD-1 in a range of tumor types including three rare tumors and a number of gynecological carcinomas including cervical and endometrial carcinomas. The Company's second oncology product, navicixizumab, for the treatment of late line ovarian cancer, has completed a Phase 1 study and has been partnered with OncXerna Therapeutics, Inc., formerly Oncologie, Inc. The Company has two rare disease product candidates: alvelestat for the treatment of severe Alpha-1 antitrypsin deficiency (AATD), which is being investigated in an ongoing Phase 2 proof-of-concept study in the U.S. and Europe, for which the Company expects to report top line data in the second half of 2021, and setrusumab for the treatment of OI. Following the completion of the Company's Phase 2b ASTEROID study, the Company met with both the FDA and the European Medicines Agency (EMA) to discuss the principles of a design of a single Phase 2/3 registrational pediatric study in OI. In December 2020, the Company signed a license and collaboration agreement for setrusumab in OI with Ultragenyx Pharmaceutical Inc.

Forward-Looking Statements

This Announcement contains "forward-looking statements." All statements other than statements of historical fact contained in this Announcement are forward-looking statements within the meaning of Section 27A of the United States Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the United States Securities Exchange Act of 1934, as amended (the "Exchange Act"). Forward-looking statements usually relate to future events and anticipated revenues, earnings, cash flows or other aspects of our operations or operating results. Forward-looking statements are often identified by the words "believe," "expect," "anticipate," "plan," "intend," "foresee," "should," "would," "could," "may," "estimate," "outlook" and similar expressions, including the negative thereof. The absence of these words, however, does not mean that the statements are not forward-looking. These forward-looking statements are based on the Company's current expectations, beliefs and assumptions concerning future developments and business conditions and their potential effect on the Company. While management believes that these forward-looking statements are reasonable as and when made, there can be no assurance that future developments affecting the Company will be those that it anticipates.

All of the Company's forward-looking statements involve known and unknown risks and uncertainties some of which are significant or beyond its control and assumptions that could cause actual results to differ materially from the Company's historical experience and its present expectations or projections. The foregoing factors and the other risks and uncertainties that affect the Company's business, including those described in its latest Annual Report on Form 20-F, Reports on Form 6-K and other documents filed from time to time by the Company with the SEC should be carefully considered. The Company wishes to caution you not to place undue reliance on any forward-looking statements, which speak only as of the date hereof. The Company undertakes no obligation to publicly update or revise any of our forward-looking statements after the date they are made, whether as a result of new information, future events or otherwise, except to the extent required by law.

Mereo BioPharma Contacts:

Denise Scots-Knight, Chief Executive Officer Christine Fox, Chief Financial Officer

Burns McClellan (US Investor Relations Adviser to Mereo) Lee Roth

Investors

+01 212 213 0006

+44 (0)333 023 7300

investors@mereobiopharma.com