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 June 2017

Commission File Number 001-37626

Mesoblast Limited

(*Exact name of Registrant as specified in its charter*)

Not Applicable
(*Translation of Registrant's name into English)*

Australia
(*Jurisdiction of incorporation or organization)*

Silviu Itescu
Chief Executive Officer and Executive Director
Level 38
55 Collins Street
Melbourne 3000
Australia
(*Address of principal executive offices*)

Indicate by check mark whether the registrant files or will file annual reports under cover 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):

Yes ☐ No ☑

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):

Yes ☐ No ☑

INFORMATION CONTAINED ON THIS REPORT ON FORM 6-K

On June 22, 2017, Mesoblast Limited filed with the Australian Securities Exchange a new release announcement, which is attached hereto as Exhibit 99.1, and is incorporated herein by reference.

SIGNATURES

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 organized.

MESOBLAST LIMITED

/s/ Charlie Harrison

Charlie Harrison
Company Secretary

Dated: June 26, 2017

INDEX TO EXHIBITS

Item	
99.1	Press release of Mesoblast Ltd, dated June 22, 2017.

asx announcement

MESOBLAST RHEUMATOID ARTHRITIS TRIAL RESULTS PRESENTED AT EULAR ANNUAL EUROPEAN CONGRESS OF RHEUMATOLOGY

New York, USA; and Melbourne, Australia; June 22, 2017: Mesoblast Limited (ASX:MSB; Nasdaq:MESO) announced that results from the randomized, placebo-controlled 48-patient Phase 2 trial of its proprietary allogeneic Mesenchymal Precursor Cells (MPCs) in patients with biologic refractory rheumatoid arthritis (RA) were presented at the European League Against Rheumatism (EULAR) Annual European Congress of Rheumatology held in Madrid June 14-17. The abstract was selected by peer review and presented by the trial's independent investigators.

The EULAR Congress is the key European platform for showcasing innovation in rheumatology and highlighting the latest advances in the field. The 2017 Congress was attended by approximately 14,000 delegates from more than 120 countries.

Trial investigator, Dr Suzanne Kafaja, Assistant Clinical Professor in the Division of Rheumatology, Department of Medicine, at the University of California at Los Angeles (UCLA), presented both safety and efficacy outcomes of the trial using pre-specified analyses over the 12-week primary evaluation period, as well as follow-up results over 39 weeks.

Dr Kafaja said the trial had met its primary endpoints and the data indicated an early trend to improvements in patient-related outcome measures. "Taken together, these results show promise and support further development of Mesoblast's mesenchymal precursor cells for biologic-refractory rheumatoid arthritis patients, a population with substantial remaining medical need," she said.

Major advances in the treatment of RA using biologic agents have resulted in a $19 billion global market in 2016, the majority of which is due to use of anti-TNF agents. The RA population resistant to anti-TNF agents, which constitutes about one-third of patients treated with anti-TNF agents, is the fastest growing branded market segment within the global RA biologics market, and is set to grow further as multiple anti-TNF biosimilars become available. There are approximately 6 million prevalent cases in the United States, Japan, and EU5, with 2.9 million in the United States alone in 2016[1,2]

1. GlobalData©: Rheumatoid Arthritis Global Forecast 2015-2025 0- January 2017
2 Decision Resources Rheumatoid Arthritis Dec 2015

About Mesoblast

Mesoblast Limited (ASX:MSB; Nasdaq:MESO) is a global leader in developing innovative cell-based medicines. The Company has leveraged its proprietary technology platform, which is based on specialized cells known as mesenchymal lineage adult stem cells, to establish a broad portfolio of late-stage product candidates. Mesoblast's allogeneic, 'off-the-shelf' cell product candidates target advanced stages of diseases with high, unmet medical needs including cardiovascular conditions, orthopedic disorders, immunologic and inflammatory disorders and oncologic/hematologic conditions.

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Forward-Looking Statements
This press release includes forward-looking statements that relate to future events or our future financial performance and involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to differ materially from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements. We make such forward-looking statements pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and other federal securities laws. Forward-looking statements should not be read as a guarantee of future performance or results, and actual results may differ from the results anticipated in these forward-looking statements, and the differences may be material and adverse. You should read this press release together with our risk factors, in our most recently filed reports with the SEC or on our website. Uncertainties and risks that may cause Mesoblast's actual results, performance or achievements to be materially different from those which may be expressed or implied by such statements, and accordingly, you should not place undue reliance on these forward-looking statements. We do not undertake any obligations to publicly update or revise any forward-looking statements, whether as a result of new information, future developments or otherwise.

For further information, please contact:

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