
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 July 2019

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 July 25, 2019, 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: July 29, 2019

INDEX TO EXHIBITS

Item

99.1 Press release of Mesoblast Ltd, dated July 25, 2019.

CIRCULATION RESEARCH SPECIAL ARTICLE HIGHLIGHTS POTENTIAL OF MESOBLAST CELL THERAPY IN TREATMENT OF ADVANCED HEART FAILURE

New York, USA; and Melbourne, Australia; July 25, 2019: Mesoblast Limited (ASX: MSB; Nasdaq: MESO) today announced that premier cardiovascular journal Circulation Research has published a Special Article highlighting the important potential clinical benefits of Mesoblast's allogeneic mesenchymal precursor cell (MPC) technology platform as immunotherapy in patients with advanced chronic heart failure.

The Special Article highlighted that cardiac inflammation drives heart failure progression, and concluded that based on preclinical and Phase 2 clinical data there is a biologic rationale for the use of Mesoblast's MPCs in targeting this inflammatory process in order to improve heart failure outcomes.

The manuscript, titled '*Phase 3 DREAM-HF Trial of Mesenchymal Precursor Cells in Chronic Heart Failure; A Review of Biological Plausibility and Implementation of Flexible Clinical Trial Design*,' was requested by the journal's Editor-in-Chief. Its authors include the Phase 3 trial's co-principal investigators, Dr Emerson Perin, Texas Heart Institute, and Dr Barry Greenberg, University of California, San Diego Healthcare System. The article can be accessed at <https://doi.org/10.1161/CIRCRESAHA.119.314951>.

The ongoing, placebo-controlled double-blind Phase 3 trial of Mesoblast's heart failure cellular medicine Revascor, comprising 150 million MPCs, is evaluating the immunotherapy for reduction of heart failure-related hospitalizations and terminal cardiac events in patients with advanced heart failure. The events-driven trial completed enrollment of 566 patients in February 2019, and was previously successful in a pre-specified interim futility analysis of the primary efficacy endpoint in the first 270 patients.

Revascor is also being evaluated to prevent mucosal bleeding in end-stage chronic heart failure patients with a Left Ventricular Assist Device (LVAD) and recently received Orphan Drug Designation from the United States Food and Drug Administration (FDA) for this indication. Mesoblast is in discussions with the FDA regarding a potential approval pathway under the product's existing Regenerative Medicine Advanced Therapy (RMAT) designation for this life-threatening condition.

About Mesoblast

Mesoblast Limited (ASX:MSB; Nasdaq:MESO) has leveraged its proprietary technology platform to establish a broad portfolio of late-stage allogeneic (off-the-shelf) product candidates with three product candidates in Phase 3 trials – acute graft versus host disease, chronic heart failure and chronic low back pain due to degenerative disc disease. Through a proprietary process, Mesoblast selects rare mesenchymal lineage precursor and stem cells from the bone marrow of healthy adults and creates master cell banks, which can be industrially expanded to produce thousands of doses from each donor that meet stringent release criteria, have lot to lot consistency, and can be used off-the-shelf without the need for tissue matching. Mesoblast has facilities in Melbourne, New York, Singapore and Texas and is listed on the Australian Securities Exchange (MSB) and on the Nasdaq (MESO). For more information about Mesoblast, visit www.mesoblast.com.

Forward-Looking Statements

This announcement 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. Forward-looking statements include, but are not limited to, statements about the timing, progress and results of Mesoblast's preclinical and clinical studies;

Mesoblast Limited
 ABN 68 109 431 870

www.mesoblast.com

Corporate Headquarters
 Level 38
 55 Collins Street
 Melbourne 3000
 Victoria Australia

T +61 3 9639 6036
 F +61 3 9639 6030

United States Operations
 505 Fifth Avenue
 Third Floor
 New York, NY 10017
 USA

T +1 212 880 2060
 F +1 212 880 2061

Asia
 20 Biopolis Way
 #05-01 Centros
 Biopreneur 3
 SINGAPORE 138668

T +65 6570 0635
 F +65 6570 0176

Mesoblast's ability to advance product candidates into, enroll and successfully complete, clinical studies; the timing or likelihood of regulatory filings and approvals; and the pricing and reimbursement of Mesoblast's product candidates, including Revascor, if approved. 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:

Julie Meldrum
Corporate Communications
T: +61 3 9639 6036
E: julie.meldrum@mesoblast.com

Schond Greenway
Investor Relations
T: +1 212 880 2060
E: schond.greenway@mesoblast.com

Mesoblast Limited
ABN 68 109 431 870
www.mesoblast.com

Corporate Headquarters
Level 38
55 Collins Street
Melbourne 3000
Victoria Australia

T +61 3 9639 6036
F +61 3 9639 6030

United States Operations
505 Fifth Avenue
Third Floor
New York, NY 10017
USA

T +1 212 880 2060
F +1 212 880 2061

Asia
20 Biopolis Way
#05-01 Centros
Biopreneur 3
SINGAPORE 138668

T +65 6570 0635
F +65 6570 0176

