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**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 December 2025**

**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

**INFORMATION CONTAINED ON THIS REPORT ON FORM 6-K**

On December 12, 2025, 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/ Paul Hughes

Paul Hughes

*Company Secretary*

Dated: December 12, 2025

## INDEX TO EXHIBITS

Item

[99.1](#)

Press release of Mesoblast Ltd, dated December 12, 2025.

**asx** announcement



**INDEPENDENT STUDY PRESENTED AT AMERICAN SOCIETY OF HEMATOLOGY (ASH) ANNUAL MEETING CONCLUDES REMESTEMCEL-L SUPERIOR TO RUXOLITINIB IN CLINICAL OUTCOMES AS TREATMENT FOR SR-aGvHD**

**Melbourne, Australia; December 12 and New York, USA; December 11, 2025:** Mesoblast Limited (ASX:MSB; Nasdaq:MESO), global leader in allogeneic cellular medicines for inflammatory diseases, today announced that an independent peer-reviewed comparative analysis of efficacy and safety between remestemcel-L and ruxolitinib for treatment of steroid-refractory acute graft versus host disease (SR-aGvHD) was presented at the 67<sup>th</sup> ASH Annual meeting in Florida this past week. The independent study authors concluded that remestemcel-L showed superior outcomes in complete and overall remission compared with ruxolitinib.<sup>1</sup>

The meta-analysis involved 2,732 patients (1,993 in the treatment arms and 523 in the control arms) across 11 studies. Among treatment groups, 644 patients received remestemcel-L and 1,349 received ruxolitinib. While both ruxolitinib and remestemcel-L significantly improved quality of life in treating SR-aGvHD, remestemcel-L showed superior outcomes in complete and overall remission as well as differences in hematology, cardiac and hepatic adverse events. The authors also concluded that while both therapies exhibit favorable safety profiles, clinical decisions should consider the differences in adverse events.

Ryoncil® is the first mesenchymal stromal cell (MSC) product [approved](#) by the U.S. Food and Drug Administration (FDA) for any indication, and the only product approved for children under age 12 with SR-aGvHD.<sup>2</sup>

The *Spotlight* segment of *Blood*, the flagship journal of ASH, featured FDA approval of Ryoncil® as an important advance in the field for treatment of acute GvHD.<sup>3</sup>

**About Mesoblast**

Mesoblast (the Company) is a world leader in developing allogeneic (off-the-shelf) cellular medicines for the treatment of severe and life-threatening inflammatory conditions. The therapies from the Company's proprietary mesenchymal lineage cell therapy technology platform respond to severe inflammation by releasing anti-inflammatory factors that counter and modulate multiple effector arms of the immune system, resulting in significant reduction of the damaging inflammatory process.

Mesoblast's Ryoncil® (remestemcel-L-rknd) for the treatment of steroid-refractory acute graft versus host disease (SR-aGvHD) in pediatric patients 2 months and older is the first FDA-approved mesenchymal stromal cell (MSC) therapy. Please see the full Prescribing Information at [www.ryoncil.com](http://www.ryoncil.com).

Mesoblast is committed to developing additional cell therapies for distinct indications based on its remestemcel-L and rexlemestrocel-L allogeneic stromal cell technology platforms. Ryoncil® is being developed for additional inflammatory diseases including SR-aGvHD in adults and biologic-resistant inflammatory bowel disease. Rexlemestrocel-L is being developed for heart failure and chronic low back pain. The Company has established commercial partnerships in Japan, Europe and China.

**About Mesoblast intellectual property:** Mesoblast has a strong and extensive global intellectual property portfolio, with over 1,000 granted patents or patent applications covering mesenchymal stromal cell compositions of matter, methods of manufacturing and indications. These granted patents and patent applications provide commercial protection extending through to at least 2044 in all major markets.

**About Mesoblast manufacturing:** The Company's proprietary manufacturing processes yield industrial-scale, cryopreserved, off-the-shelf, cellular medicines. These cell therapies, with defined pharmaceutical release criteria, are planned to be readily available to patients worldwide.

Mesoblast has locations in Australia, the United States and Singapore and is listed on the Australian Securities Exchange (MSB) and on the Nasdaq (MESO). For more information, please see [www.mesoblast.com](http://www.mesoblast.com), LinkedIn: Mesoblast Limited and X: @Mesoblast

**Mesoblast Limited**  
ABN 68 109 431 870  
[www.mesoblast.com](http://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**  
1114 Avenue of the Americas  
4th Floor  
New York, NY 10036  
USA  
**T** +1 212 880 2060  
**F** +1 212 880 2061

**Asia**  
21 Biopolis Road  
#01-22 Nucleos (South Tower)  
SINGAPORE 138567  
**T** +65 6570 0635  
**F** +65 6570 0176

## References / Footnotes

1. Ramteke HD, et al. Comparative efficacy and safety of ruxolitinib and remestemcel-L in the treatment of steroid-refractory acute graft-versus-host disease: Systematic review and meta-analysis. Poster. *Blood* 146 (2025) 6030. <https://doi.org/10.1182/blood-2025-6030>
2. Please see the full Prescribing Information at [www.ryoncil.com](http://www.ryoncil.com)
3. Etra A, Ferrara JLM, Levine JE. Remestemcel-L-rknd (Ryoncil): the first approved cellular therapy for steroid-refractory acute GVHD. *Blood*. 2025 October 16; 146(16): 1897–1901

## 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. Forward-looking statements include, but are not limited to, statements about: the initiation, timing, progress and results of Mesoblast's preclinical and clinical studies, and Mesoblast's research and development programs; Mesoblast's ability to advance product candidates into, enroll and successfully complete, clinical studies, including multi-national clinical trials; Mesoblast's ability to advance its manufacturing capabilities; the timing or likelihood of regulatory filings and approvals, manufacturing activities and product marketing activities, if any; the commercialization of Mesoblast's RYONCIL for pediatric SR-aGVHD and any other product candidates, if approved; regulatory or public perceptions and market acceptance surrounding the use of stem-cell based therapies; the potential for Mesoblast's product candidates, if any are approved, to be withdrawn from the market due to patient adverse events or deaths; the potential benefits of strategic collaboration agreements and Mesoblast's ability to enter into and maintain established strategic collaborations; Mesoblast's ability to establish and maintain intellectual property on its product candidates and Mesoblast's ability to successfully defend these in cases of alleged infringement; the scope of protection Mesoblast is able to establish and maintain for intellectual property rights covering its product candidates and technology; estimates of Mesoblast's expenses, future revenues, capital requirements and its needs for additional financing; Mesoblast's financial performance; developments relating to Mesoblast's competitors and industry; and the pricing and reimbursement of Mesoblast's product candidates, 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.

Release authorized by the Chief Executive.

*For more information, please contact:*

### **Corporate Communications / Investors**

Paul Hughes  
T: +61 3 9639 6036

### **Media – Global**

Allison Worldwide  
Emma Neal  
T: +1 603 545 4843  
E: [emma.neal@allisonworldwide.com](mailto:emma.neal@allisonworldwide.com)

### **Media – Australia**

BlueDot Media  
Steve Dabkowski  
T: +61 419 880 486  
E: [steve@bluedot.net.au](mailto:steve@bluedot.net.au)



