
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 October 2026

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 October 14, 2026, Mesoblast Limited filed with the Australian Securities Exchange a new issue announcement, notification of cessation of securities (Appendix 3H) which is attached hereto as Exhibit 99.1, and is incorporated herein by reference.

On October 14, 2026, Mesoblast Limited filed with the Australian Securities Exchange a new issue announcement, notification of issue, conversion or payment up of unquoted equity securities (Appendix 3G) which is attached hereto as Exhibit 99.2, and is incorporated herein by reference.

On October 14, 2026, Mesoblast Limited filed with the Australian Securities Exchange a new issue announcement, application for quotation of securities (Appendix 2A) which is attached hereto as Exhibit 99.3, 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/ Niva Sivakumar

Niva Sivakumar
Company Secretary

Dated: October 14, 2026

INDEX TO EXHIBITS

Item

- | | |
|-----------------------------|---|
| <u>99.1</u> | Appendix 3H of Mesoblast Ltd, dated October 14, 2026. |
| <u>99.2</u> | Appendix 3G of Mesoblast Ltd, dated October 14, 2026. |
| <u>99.3</u> | Appendix 2A of Mesoblast Ltd, dated October 14, 2026. |

Announcement Summary

Entity name

MESOBLAST LIMITED

Announcement Type

New announcement

Date of this announcement

Wednesday October 14, 2026

Details of +securities that have ceased

ASX +security code	Security description	Number of +securities that have ceased	The +securities have ceased due to	Date of cessation
MSBAI	OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES	250,000	Lapse of conditional right to securities because the conditions have not been, or have become incapable of being, satisfied	28/09/2026
MSBAI	OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES	370,000	Expiry of option or other convertible security without exercise or conversion	19/07/2026

Refer to next page for full details of the announcement

Part 1 - Announcement Details

1.1 Name of +Entity

MESOBLAST LIMITED

We (the entity named above) provide the following information about our issued capital.

1.2 Registered Number Type

ABN

Registration Number

68109431870

1.3 ASX issuer code

MSB

1.4 The announcement is

New announcement

1.5 Date of this announcement

14/10/2026

Part 2 - Details of +equity securities or +debt securities that have ceased

ASX +Security Code and Description

MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES

Unquoted +equity securities that have ceased

Number of securities that have ceased

250,000

Reason for cessation

Lapse of conditional right to securities because the conditions have not been, or have become incapable of being, satisfied

Date of cessation

28/9/2026

Is the entity paying any consideration for the cessation?

No

Any other information the entity wishes to notify to ASX about the cessation?

ASX +Security Code and Description

MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES

Unquoted +equity securities that have ceased

Number of securities that have ceased

370,000

Reason for cessation

Expiry of option or other convertible security without exercise or conversion

Date of cessation

19/7/2026

Is the entity paying any consideration for the cessation?

No

Any other information the entity wishes to notify to ASX about the cessation?

Part 3 - Issued capital following changes

Following the cessation of the +securities the subject of this notification, the issued capital of the entity will comprise:

The figures in parts 3.1 and 3.2 below are automatically generated and may not reflect the entity's current issued capital if other Appendix 2A, Appendix 3G or Appendix 3H forms are currently with ASX for processing.

3.1 Quoted +equity securities and +debt securities (total number of each +class of +securities quoted on ASX)

ASX +security code and description	Total number of +securities on issue
MSB : ORDINARY FULLY PAID	1,298,748,110

3.2 Unquoted +equity securities (total number of each +class of +equity securities issued but not quoted on ASX)

ASX +security code and description	Total number of +securities on issue
MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES	89,270,943
MSBAA : WARRANTS 2	2,000,000
MSBAO : WARRANTS	15,027,327
MSBAP : ADS WARRANTS	884,838
MSBAB : WARRANTS 3	2,000,000

Note: the figures stated in the tables above are used to calculate the total market capitalisation of the entity published by ASX from time to time. The table will not include those classes of +securities that have ceased or lapsed in their entirety in ASX records before the announcement date described in Q1.5, even if the entity has advised ASX of a change to that class of +security in Part 2 of this form.

Announcement Summary

Entity name

MESOBLAST LIMITED

Date of this announcement

Wednesday October 14, 2026

The +securities the subject of this notification are:

Unquoted options that have been exercised or other unquoted +convertible securities that have been converted

Total number of +securities to be issued/transferred

ASX +security code	Security description	Total number of +securities to be issued/transferred	Issue date
MSB	ORDINARY FULLY PAID	2,662,629	24/09/2026

Refer to next page for full details of the announcement

Part 1 - Entity and announcement details

1.1 Name of entity

MESOBLAST LIMITED

We (the entity named above) give notice of the issue, conversion or payment up of the following unquoted +securities.

1.2 Registered number type

ABN

Registration number

68109431870

1.3 ASX issuer code

MSB

1.4 The announcement is

New announcement

1.5 Date of this announcement

14/10/2026

Part 2 - Issue details

2.1 The +securities the subject of this notification are:

Unquoted options that have been exercised or other unquoted +convertible securities that have been converted

2.2b The +securities being issued, transferred or re-classified as a result of the options being exercised or other +convertible securities being converted are:

securities that have already been quoted on ASX ("existing class")

Part 3B - number and type of +securities the subject of this notification (existing class) where issue has not previously been notified to ASX in an Appendix 3B

The right of the holder of the options or other +convertible securities to receive the +underlying securities is being satisfied by:

A transfer of existing +securities

The underlying securities being received by the holder are:

Already quoted by ASX

Existing +securities converting into an existing class

FROM (Existing Class)

ASX +Security code and description

MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES

TO (Existing Class)

ASX +Security code and description

MSB : ORDINARY FULLY PAID

Please state the number of options that were exercised or other +convertible securities that were converted

2,662,629

The first date the options were exercised or other +convertible securities were converted

1/7/2026

The last date the options were exercised or other +convertible securities were converted

24/9/2026

Is this all of the options or other +convertible securities on issue of that type?

No

Were the options being exercised or other +convertible securities being converted issued under an +employee incentive scheme?

Yes

Are any of the options being exercised or other +convertible securities being converted held by +key management personnel (KMP) or an +associate?

No

Date the +securities the subject of this notification were issued/transferred

24/9/2026

Any other information the entity wishes to provide about the +securities the subject of this notification

Exercise by non-KMP of existing options issued in 2019, 2021, 2022, 2023 and 2024

Issue details

Number of +securities

2,662,629

Part 4 - +Securities on issue

Following the issue, conversion or payment up of the +securities the subject of this notification, the +securities of the entity will comprise:

The figures in parts 4.1 and 4.2 below are automatically generated and may not reflect the entity's current issued capital if other Appendix 2A, Appendix 3G or Appendix 3H forms are currently with ASX for processing.

4.1 Quoted +securities (Total number of each +class of +securities issued and quoted on ASX)

ASX +security code and description	Total number of +securities on issue
MSB : ORDINARY FULLY PAID	1,298,748,110

4.2 Unquoted +securities (Total number of each +class of +securities issued but not quoted on ASX)

ASX +security code and description	Total number of +securities on issue
MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES	87,228,314
MSBAA : WARRANTS 2	2,000,000
MSBAO : WARRANTS	15,027,327
MSBAP : ADS WARRANTS	884,838
MSBAB : WARRANTS 3	2,000,000

Announcement Summary

Entity name

MESOBLAST LIMITED

Announcement Type

New announcement

Date of this announcement

Wednesday October 14, 2026

The +securities to be quoted are:

+Securities issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

Total number of +securities to be quoted

ASX +security code	Security description	Number of +securities to be quoted	Issue date
MSB	ORDINARY FULLY PAID	2,550,000	03/09/2026

Refer to next page for full details of the announcement

Part 1 - Entity and announcement details

1.1 Name of entity

MESOBLAST LIMITED

We (the entity named above) apply for +quotation of the following +securities and agree to the matters set out in Appendix 2A of the ASX Listing Rules.

1.2 Registered number type

ABN

Registration number

68109431870

1.3 ASX issuer code

MSB

1.4 The announcement is

New announcement

1.5 Date of this announcement

14/10/2026

Part 2 - Type of Issue

2.1 The +securities to be quoted are:

+Securities issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

2.2 The +class of +securities to be quoted is:

Additional +securities in a class that is already quoted on ASX ("existing class")

Part 3B - number and type of +securities to be quoted (existing class) where issue has not previously been notified to ASX in an Appendix 3B

Additional +securities to be quoted in an existing class issued under an +employee incentive scheme

FROM (Existing Class)

ASX +security code and description

No security currently exists

FROM (Existing Class)

+Security description

Not applicable

TO (Existing Class)

ASX +security code and description

MSB : ORDINARY FULLY PAID

Please state the number of +securities issued under the +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

2,550,000

Please provide details of a URL link for a document lodged with ASX detailing the terms of the +employee incentive scheme or a summary of the terms

Refer to Item 9 in Notice of Meeting released 27 October 2025 <https://announcements.asx.com.au/asxpdf/20251027/pdf/06r26qhbfgf417f.pdf>

Are any of these +securities being issued to +key management personnel (KMP) or an +associate

No

Issue date

3/9/2026

Will the +securities to be quoted rank equally in all respects from their issue date with the existing issued +securities in that class?

Yes

Issue details

Number of +securities to be quoted

2,550,000

Are the +securities being issued for a cash consideration?

No

Please describe the consideration being provided for the +securities

Shares issued to employee share plan trustee for exercise of previously granted options under Company's employee share option plan where such options have been granted and met all vesting conditions

Please provide an estimate (in AUD) of the value of the consideration being provided per +security for the +securities to be quoted

0.000000

Any other information the entity wishes to provide about the +securities to be quoted

Shares issued to employee share plan trustee for option exercises and reduction in total option numbers as notified on a contemporaneously lodged "Appendix 3G - Notification regarding unquoted securities"

Part 4 - Issued capital following quotation

Following the quotation of the +securities the subject of this application, the issued capital of the entity will comprise:

The figures in parts 4.1 and 4.2 below are automatically generated and may not reflect the entity's current issued capital if other Appendix 2A, Appendix 3G or Appendix 3H forms are currently with ASX for processing.

4.1 Quoted +securities (total number of each +class of +securities quoted on ASX following the +quotation of the +securities subject of this application)

ASX +security code and description	Total number of +securities on issue
MSB : ORDINARY FULLY PAID	1,301,298,110

4.2 Unquoted +securities (total number of each +class of +securities issued but not quoted on ASX)

ASX +security code and description	Total number of +securities on issue
MSBAI : OPTION EXPIRING VARIOUS DATES EX VARIOUS PRICES	89,890,943
MSBAA : WARRANTS 2	2,000,000
MSBAO : WARRANTS	15,027,327
MSBAP : ADS WARRANTS	884,838
MSBAB : WARRANTS 3	2,000,000

Part 5 - Other Listing Rule requirements

5.1 Are the +securities being issued under an exception in Listing Rule 7.2 and therefore the issue does not need any security holder approval under Listing Rule 7.1?

Yes

5.1a Select the number of the applicable exception in Listing Rule 7.2

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