

Telstra Super Pty Ltd
ABN 86 007 422 122
AFSL 136709

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Telstra Superannuation Scheme
ABN 86 502 108 833



8 April 2009

The Manager – Companies
ASX Limited
Level 45, South Tower, Rialto
525 Collins Street
Melbourne VIC 3000

By facsimile: 1300 135 638

Dear Sirs

Re: Notice of Initial Substantial Holder

We attach a form 603, Notice of Initial Substantial Holder, for your information.

Yours faithfully



Steven Miller
Company Secretary

Enc.

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**

1. Company Name/Scheme

MESOBLAST LTD

ACN/ARSN

109 431 870

1. Details of substantial holder (1)

Name

Telstra Super Pty Ltd, as trustee for Telstra Superannuation Scheme

ACN/ARSN (if applicable)

007 422 522

(Telstra Super)

The holder became a substantial holder on

2/4/09

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary Shares	6,852,441	6,852,441	5.04%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Telstra Super	Superannuation/Investment	Ordinary Shares 6,852,441

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Telstra Super	National Nominees Ltd, as Custodian	Per registered holder	Ordinary Shares 6,852,441

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
Telstra Super	2/4/09	999,999.36	-	Ordinary Shares 1,388,888
Telstra Super	2/4/09	168,112.80	-	233,490

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

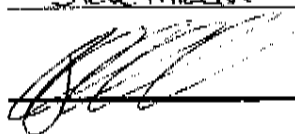
Name and ACN/ARSN (if applicable)	Nature of association

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Telstra Super	Level 8, 215 Spring St, Melbourne VIC 3000
National Nominees Ltd	500 Bourke St, Melbourne VIC 3000

Signature

print name STEVE MILLER capacity COMPANY SECRETARY
 sign here  date 8/4/08

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg, if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.