

MARKET RELEASE

3 May 2010

Mesoblast Limited

TRADING HALT

The securities of Mesoblast Limited (the "Company") will be placed in pre-open at the request of the Company, pending the release of an announcement by the Company. Unless ASX decides otherwise, the securities will remain in pre-open until the earlier of the commencement of normal trading on Wednesday, 5 May 2010 or when the announcement is released to the market.

Security Code: MSB

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Principal Adviser, Issuers (Melbourne)



3rd Mary 2010

Mr James Gerraty
Australia Stock Exchange Limited
Level 45, South Rialto Tower
525 Collins Street
Melbourne
VIC 3000

Dear James

Re: Request for Trading Halt – Mesoblast Limited (ASX.MSB) ACN 109 431 870

Pursuant to ASX Listing Rule 17.1, I am writing to request a trading halt in respect of the quoted securities of Mesoblast Limited (the Company) pending the release of a price sensitive announcement to the market by the Company. It is requested that, unless ASX decides otherwise, the trading halt commence from the receipt of this letter, until the earlier of an announcement being released to the market or commencement of normal trading on Wednesday, 5th May 2010.

The Company is concluding a major commercial transaction regarding a merger or acquisition, which may have a material impact on the price or value of the company's securities. Information regarding the transaction will be released to the market at the conclusion of this transaction.

The Company is not aware of any reason why the trading halt should not be granted.

Yours sincerely,

Jenni Pilcher

Chief Financial Officer

Cc Kevin Hollingsworth, Company Secretary