

FULL PRODUCT APPROVAL IN JAPAN RECEIVED BY MESOBLAST LICENSEE

First Allogeneic Regenerative Medicine Product Approved In Japan

New York, USA, and Melbourne, Australia; 18 September 2015: Mesoblast Limited (ASX: MSB; USOTC: MBLTY) today announced that its licensee JCR Pharmaceuticals Co. Ltd has received full approval from the Japanese Ministry of Health, Labour and Welfare for TEMCELL[®] HS Inj. (JR-031), an allogeneic mesenchymal stem cell product.

TEMCELL is a treatment for children and adults with acute Graft Versus Host Disease, a severe complication arising from hematopoietic cell transplants. TEMCELL has been developed in Japan by JCR utilizing technology under a license from Mesoblast.

Under its agreement with JCR, Mesoblast is entitled to receive a milestone payment on this product regulatory approval, as well as royalties and other payments at pre-defined thresholds of cumulative net sales.

Mesoblast Limited

Mesoblast Limited (ASX: MSB; USOTC: MBLTY) is a global leader in regenerative medicine. The Company has leveraged its proprietary technology platform, which is based on specialized cells known as mesenchymal lineage adult stem cells, to establish a broad portfolio of late-stage product candidates. Mesoblast's allogeneic or 'off-the-shelf' cell product candidates target significantly advanced stages of diseases where there are highly unmet medical needs, including cardiovascular conditions, orthopedic disorders, immunologic/inflammatory disorders and oncology/hematology conditions.

For further information, please contact:

Julie Meldrum
Global Head of Corporate Communications
Mesoblast Limited
T: +61 (0) 3 9639 6036
E: julie.meldrum@mesoblast.com