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(71) **Applicant** *(for all designated States except US)*: **REGENEUS PTY LTD** [AU/AU]; 1 Merriwa Street, Gordon, NSW 2072 (AU).

(72) **Inventor; and**
(75) **Inventor/Applicant** *(for US only)*: **VESEY, Graham** [GB/AU]; 1 Merriwa Street, Gordon, NSW 2072 (AU).

(74) **Agent**: **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

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(54) **Title**: THERAPEUTIC METHODS USING ADIPOSE TISSUE-DERIVED CELL SUSPENSIONS COMPRISING ADIPOCYTES

(57) **Abstract**: Provided herein is a use of an adipose tissue-derived cell suspension which comprises adipocytes for the preparation of a pharmaceutical composition for use in the treatment of an inflammatory disorder, a cartilage or bone disorder and/or the alleviation of pain associated with an inflammatory disorder in a mammalian subject. Also provided herein is a method of treating an inflammatory disorder, a cartilage or bone disorder or alleviating pain associated with an inflammatory disorder in a mammalian subject, comprising administering to the subject a pharmaceutical composition which comprises: (i) an adipose tissue-derived cell suspension which comprises adipocytes; or (ii) a cell-free extract which is prepared from an adipose tissue-derived cell suspension, wherein the adipose tissue-derived cell suspension comprises adipocytes, together with a pharmaceutically-acceptable carrier or diluent.