(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 October 2012 (18.10.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/142320 A3

(51) International Patent Classification:
A61K 9/14 (2006.01) *A61K 47/48* (2006.01)
A61K 38/39 (2006.01)

(21) International Application Number:
PCT/US2012/033368

(22) International Filing Date:
12 April 2012 (12.04.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/474,370 12 April 2011 (12.04.2011) US

(71) Applicant *(for all designated States except US)*: **MOERAE MATRIX, INC.**; 31 River Road, Highland Park, NJ 08904 (US).

(72) Inventors; and
(71) Applicants *(for all designated States except US)*: **LANDER, Cynthia** [US/US]; 30 Hilltop Road, Mendham, NJ 07945 (US). **BROPHY, Colleen** [US/US]; 3612 Doge Place, Nashville, TN 37204 (US).

(74) Agent: **LUBIT, Beverly, W.**; Greenberg Traurig, LLP, 200 Park Avenue, Florham Park, NJ 07932 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report (Art. 21(3))*
— *with sequence listing part of description (Rule 5.2(a))*

(88) Date of publication of the international search report:
11 June 2015

(15) Information about Correction:
Previous Correction:
see Notice of 20 February 2014

(54) Title: COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING DISEASES, CONDITIONS, OR PROCESSES CHARACTERIZED BY ABERRANT FIBROBLAST PROLIFERATION AND EXTRACELLULAR MATRIX DEPOSITION

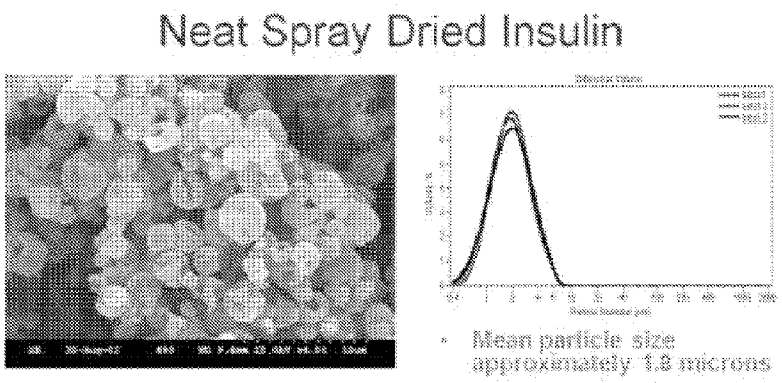


FIGURE 1

(57) Abstract: The described invention provides compositions and methods for preventing or treating a disease, condition, or pathologic process characterized by aberrant fibroblast proliferation and extracellular matrix deposition in a tissue of a subject. The method includes administering a therapeutic amount of a pharmaceutical composition comprising a polypeptide having the amino acid sequence YARAAARQARAKALARQLGVAA (SEQ ID NO: 1) or functional equivalent thereof, and a pharmaceutically acceptable carrier.

WO 2012/142320 A3