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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 July 2011 (14.07.2011)

PCT

(10) International Publication Number
WO 2011/083464 A2

(51) International Patent Classification:
A61K 48/00 (2006.01)

(21) International Application Number:
PCT/IL2011/000007

(22) International Filing Date:
5 January 2011 (05.01.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/282,228 5 January 2010 (05.01.2010) US
61/282,247 7 January 2010 (07.01.2010) US

(71) Applicant *(for all designated States except US)*: **VASCULAR BIOGENICS LTD.**; 6 Yoni Netanyahu Street, 60376 Or Yehuda (IL).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **COHEN, Yael**; 100 Stern Street, 55602 Kiryat-Ono (IL). **SHER, Naamit**; 3 Paldi Street, 76248 Rechovot (IL). **FEIGE, Erez**; P.O. Box 170, 50295 Hemed (IL). **BANGIO, Livnat**; 1 Daniel Lifshitz Street, 49776 Petach-Tikva (IL). **BREITBART, Eyal**; 27 HaYitzhar Street, 73127 Hashmonaim (IL).

(74) Agents: **G.E. EHRLICH (1995) LTD.** et al.; 11 Menachem Begin Road, 52681 Ramat Gan (IL).

(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, RO, RS, RU, 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, 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).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

— *with sequence listing part of description (Rule 5.2(a))*

WO 2011/083464 A2

(54) Title: METHODS FOR USE OF A SPECIFIC ANTI-ANGIOGENIC ADENOVIRAL AGENT

(57) Abstract: Anti-angiogenic adenovirus vectors, and therapeutic use thereof are provided, and more particularly, but not exclusively, clinical protocols for treatment of solid tumors in patients with an Ad5-PPE-1-3X-fas-chimera adenovirus vector.