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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/083244 A2

(51) International Patent Classification[7]: C07K 14/705, A61K 38/17, 48/00

(21) International Application Number: PCT/US2004/008574

(22) International Filing Date: 19 March 2004 (19.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/456,378 19 March 2003 (19.03.2003) US

(71) Applicant *(for all designated States except US)*: **ISOGENIS, INC.** [US/US]; 1899 Gaylord Street, Denver, CO 80206 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **QI, Yan** [US/US]; 421 East Bexley Lane, Highlands Ranch, CO 80126 (US). **ZHANG, Xianghua** [US/US]; 19409 East Girton Place, Aurora, CO 80013 (US). **KONIGSBERG, Paula, J.** [US/US]; 2658 Steele Street, Denver, CO 80205 (US).

(74) Agents: **LORENZ, Todd, A.** et al.; DORSEY & WHITNEY LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

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

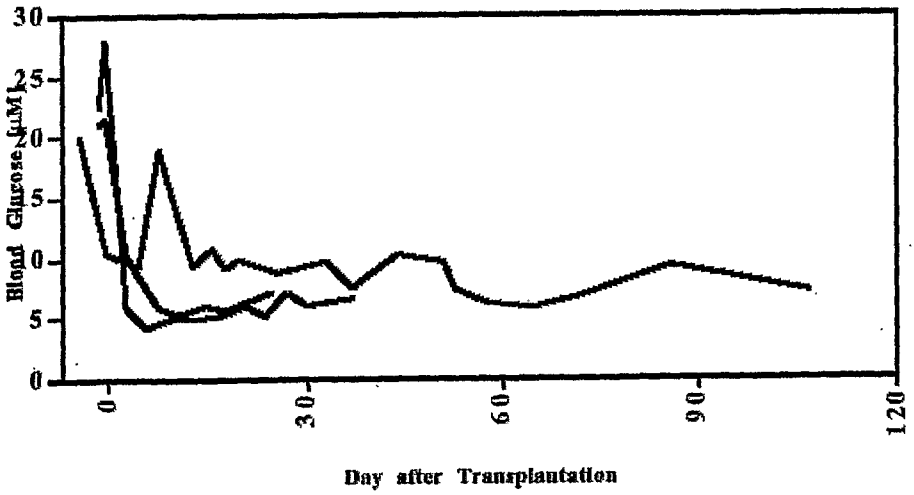
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

[Continued on next page]

(54) Title: SPECIFIC INHIBITION OF ALLOREJECTION



mAdCD8-transduced C57BL/6 pancreatic islets were transplanted into Balb/c recipient mice.

(57) Abstract: The present invention provides methods and compositions for specifically inhibiting both cellular and humoral immune responses to alloantigen, thereby finding use in extending the survival of transplant allografts and treating graft versus host disease in transplant recipients.

WO 2004/083244 A2

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.