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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 June 2011 (16.06.2011)

PCT

(10) International Publication Number
WO 2011/070045 A1

(51) International Patent Classification:
C07K 16/22 (2006.01) *A61K 39/395* (2006.01)

(21) International Application Number:
PCT/EP2010/069120

(22) International Filing Date:
8 December 2010 (08.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/267,446 8 December 2009 (08.12.2009) US

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(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).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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

WO 2011/070045 A1

(54) **Title**: MONOCLONAL ANTIBODIES AGAINST THE RGM A PROTEIN FOR USE IN THE TREATMENT OF RETINAL NERVE FIBER LAYER DEGENERATION

(57) **Abstract**: The present application describes RGM A binding proteins, particularly monoclonal antibodies, and in particular CDR grafted, humanized versions thereof, which have the ability to bind to RGM A and prevent binding of RGM proteins to RGM A receptor and other RGM A binding proteins, and therefore neutralize the function of RGM A, for use in the treatment of retinal nerve fiber layer (RNFL) degeneration as well as methods of therapeutically or prophylactically treating a mammal against RNFL degeneration.