

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(10) International Publication Number  
**WO 2012/006341 A8**

(43) International Publication Date  
12 January 2012 (12.01.2012)

WIP O | P C T

- (51) **International Patent Classification:**  
*C07K 16/28* (2006.01) *A61P 35/00* (2006.01)  
*A61K 39/395* (2006.01)
- (21) **International Application Number:** PCT/US201 1/043056
- (22) **International Filing Date:** 6 July 201 1 (06.07.201 1)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
61/361,808 6 July 2010 (06.07.2010) US  
61/466,679 23 March 201 1 (23.03.201 1) US
- (71) **Applicant (for all designated States except US):** **AVEO PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Fourth Floor, Cambridge, MA 02139 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **WHALEN, Kerry** [US/US]; 13 Sleigh Road, Chelmsford, MA 01824 (US). **BOTTEGA, Steve** [CA/US]; 292 Prospect St., Apt. 3, Cambridge, MA 02139 (US). **BOUDROW, Andrea** [US/US]; 11 Maryvale Lane, Peabody, MA 01960 (US). **BREAULT, Lyne** [CA/US]; 71 Dale Street, Roslindale, MA 0213 1 (US). **CHEN, Ting** [US/US]; 20 Central Street, Acton, MA 01720 (US). **GIFFORD, James** [US/US]; 105 Bromfield Road, Somerville, MA 02144 (US). **HAN, May** [CN/US]; 20 Egmont Street, Apt. 5, Brookline, MA 02446 (US). **JIANG, Jinwei** [CN/US]; 270 South Street, Chestnut Hill, MA 02467 (US). **LERNER, Lorena** [AR/US]; 37 Westgate Road, Newton Centre, MA 02459 (US). **LIU, Qing** [US/US]; 448 Massachusetts Avenue, Acton, MA 01720 (US). **MEETZE, Kristan** [US/US]; 31 Fletcher Ave., Apt. #7, Lexington, MA 02420 (US). **VINCENT, Sylvie** [FR/US]; 1 Fitchburg St., C-120, Somerville, MA 02143 (US). **WEILER, Solly** [US/US]; 5 Stony Brae Road, Newton, MA 02461 (US). **WINSTON, William, M., Jr.** [US/US]; 100 Spoonhill Avenue, Marlborough, MA 01752 (US). **GYURIS, Jenó** [US/US]; 139 Lexington Road, Lincoln, MA 01773 (US).
- (74) **Agents:** **STERN-DOMBAL, Charlene, A.** et al; Goodwin Procter LLP, Exchange Place, Boston, MA 02109 (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, 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))
- (88) **Date of publication of the international search report:** 22 March 2012
- (48) **Date of publication of this corrected version:** 31 January 2013
- (15) **Information about Correction:** see Notice of 31 January 2013

(54) **Title:** ANTI-RON ANTIBODIES

(57) **Abstract:** Monoclonal antibodies that bind and inhibit activation of human RON (Recepteur d' Origine Nantais) are disclosed. The antibodies can be used to treat certain forms of cancer that are associated with activation of RON.



WO 2012/006341 A8