

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
18 May 2007 (18.05.2007)

PCT

(10) International Publication Number  
**WO 2007/056511 A3**

(51) International Patent Classification:

A61K 38/00 (2006.01) C07K 4/00 (2006.01)  
C07K 2/00 (2006.01)

(74) Agents: MONROY, Gladys, H. et al.; MORRISON & FOERSTER LLP, 755 PAGE MILL ROAD, Palo Alto, CA 94304-1018 (US).

(21) International Application Number:

PCT/US2006/043622

(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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date:

8 November 2006 (08.11.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/735,529 9 November 2005 (09.11.2005) US  
60/789,100 3 April 2006 (03.04.2006) US

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, 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, IS, IT, LT, LU, LV, 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).

(71) Applicant (for all designated States except US): ON-THERIX, INC. [US/US]; 525 DEL REY AVENUE, SUITE B, Sunnyvale, CA 94085 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MASCARENHAS, Desmond [US/US]; 27223 SHERLOCK ROAD, Los Altos Hills, CA 94022 (US).

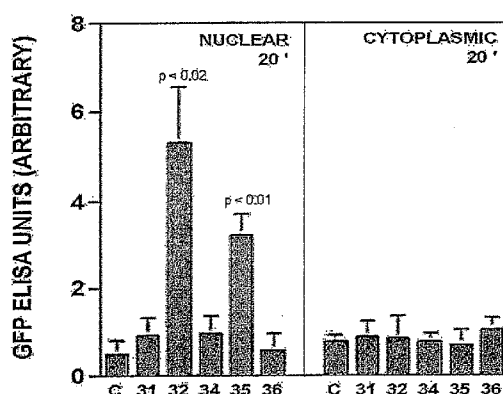
Published:

— with international search report

[Continued on next page]

(54) Title: METAL-BINDING THERAPEUTIC PEPTIDES

## Nuclear Uptake of MBD-GFPs



MBD31: KKGHAKDSQRYKVDESQS

MBD32: KKGIFYKKKQCRPSKGRKRGFCW

MBD34: KKGIFYKKKQ

MBD35: QCRPSKGRKRGFCW

MBD36: KKGIFYKKKQCRPSKGRKR

(57) Abstract: The present invention is related methods of delivering MBD peptide-linked agents into live cells. The methods described herein comprise contacting MBD peptide-linked agents to live cells under a condition of cellular stress. The methods of the invention may be used for therapeutic or diagnostic purposes.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*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.*

**(88) Date of publication of the international search report:**

31 January 2008