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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 December 2008 (24.12.2008)

PCT

(10) International Publication Number
WO 2008/156914 A3

(51) International Patent Classification:
A61K 39/12 (2006.01) *A61P 31/14* (2006.01)

(21) International Application Number:
PCT/US2008/061336

(22) International Filing Date: 23 April 2008 (23.04.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/755,597	30 May 2007 (30.05.2007)	US
60/954,743	8 August 2007 (08.08.2007)	US
60/935,499	16 August 2007 (16.08.2007)	US
60/935,816	31 August 2007 (31.08.2007)	US
60/982,338	24 October 2007 (24.10.2007)	US
60/982,333	24 October 2007 (24.10.2007)	US
60/982,336	24 October 2007 (24.10.2007)	US
11/923,559	24 October 2007 (24.10.2007)	US
60/991,676	30 November 2007 (30.11.2007)	US
12/010,027	18 January 2008 (18.01.2008)	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, 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, 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.

(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*
— *with sequence listing part of description published separately in electronic form and available upon request from the International Bureau*

(88) Date of publication of the international search report:
19 March 2009

(54) Title: SYNTHETIC REPLIKIN PEPTIDES AGAINST PATHOGENIC INFECTION OF INVERTEBRATES IN AQUACULTURE

(57) Abstract: The present invention provides isolated or synthesized peptides of about 7 to about 50 amino acids identified in the genome of pathogens in invertebrates in aquaculture for prevention and treatment of outbreaks of these pathogens in aquaculture and methods of preventing and treating pathogenic outbreaks using the identified peptides.

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