30/08/03

20030045838

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 September 2002 (12.09.2002)

PCT

(10) International Publication Number
WO 02/069989 A3

(51) International Patent Classification[7]: A61K 35/78, A61P 31/04, 31/10

(21) International Application Number: PCT/US02/06040

(22) International Filing Date: 26 February 2002 (26.02.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/797,744 2 March 2001 (02.03.2001) US

(71) Applicant: AQUARIUM PHARMACEUTICALS, INC. [US/US]; 50 East Hamilton Street, P.O. Box 218, Chalfont, PA 18914 (US).

(72) Inventor: YOSHPA, Michael; 220 Southwind Drive, Doylestown, PA 18901 (US).

(74) Agents: NADEL, Alan, S. et al.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Square, Philadelphia, PA 19103-7086 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, 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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (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*

(88) Date of publication of the international search report:
27 December 2002

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.



162162



ACTION

WO 02/069989 A3

(54) Title: AQUATIC ANIMAL TREATMENT METHOD AND COMPOSITION CONTAINING *PIMENTA* EXTRACT

(57) Abstract: A therapeutic method for treating diseased or injured fish or other aquatic animal includes administering to the fish or other aquatic animal an amout of *Pimenta racemosa* extract sufficient to promote recovery of the diseased or injured fish or other aquatic animal. Also disclosed is a prophylactic method for treating a disease-free fish or other aquatic animal, including adding to water containing or to contain the fish or other aquatic animal *Pimenta racemosa* in an amount effective to promote resistance of the aquatic animal to disease. An aqueous emulsion containing *Pimenta racemosa* extract oil in water is also disclosed for use in these methods.