9803982-9
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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C12Q 1/68 — A2

(11) International Publication Number: **WO 97/27327**

(43) International Publication Date: 31 July 1997 (31.07.97)

(21) International Application Number: PCT/US97/01070

(22) International Filing Date: 23 January 1997 (23.01.97)

(30) Priority Data:
60/010,436 — 23 January 1996 (23.01.96) — US
60/015,402 — 21 March 1996 (21.03.96) — US

(71) Applicant *(for all designated States except US)*: DARWIN MOLECULAR CORP. [US/US]; 1631-220th Street Southeast, Bothell, WA 98021 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: VAN NESS, Jeffrey [US/US]; 10020-49th Avenue Northeast, Seattle, WA 98125 (US). TABONE, John, C. [US/US]; 12117 Northeast 166th Place, Bothell, WA 98011 (US). HOWBERT, J., Jeffry [US/US]; 12740 Northeast 30th Street, Bellevue, WA 98005 (US). MULLIGAN, John, T. [US/US]; 5823-17th Avenue Northeast, Seattle, WA 98105 (US).

(74) Agents: McMASTERS, David, D. et al.; Seed and Berry L.L.P., 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) Designated States: AL, AM, AT, AU, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: METHODS AND COMPOSITIONS FOR DETECTING BINDING OF LIGAND PAIR USING NON-FLUORESCENT LABEL

(57) Abstract

Methods are provided for detecting the binding of a first member to a second member of a ligand pair, comprising the steps of (a) combining a set of first tagged members with a biological sample which may contain one or more second members, under conditions, and for a time sufficient to permit binding of a first member to a second member, wherein said tag is correlative with a particular first member and detectable by non-fluorescent spectrometry, or potentiometry; (b) separating bound first and second members from unbound members; (c) cleaving the tag from the tagged first member; and (d) detecting the tag by non-fluorescent spectrometry, or potentiometry, and therefrom detecting the binding of the first member to the second member.