

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
17 July 2003 (17.07.2003)

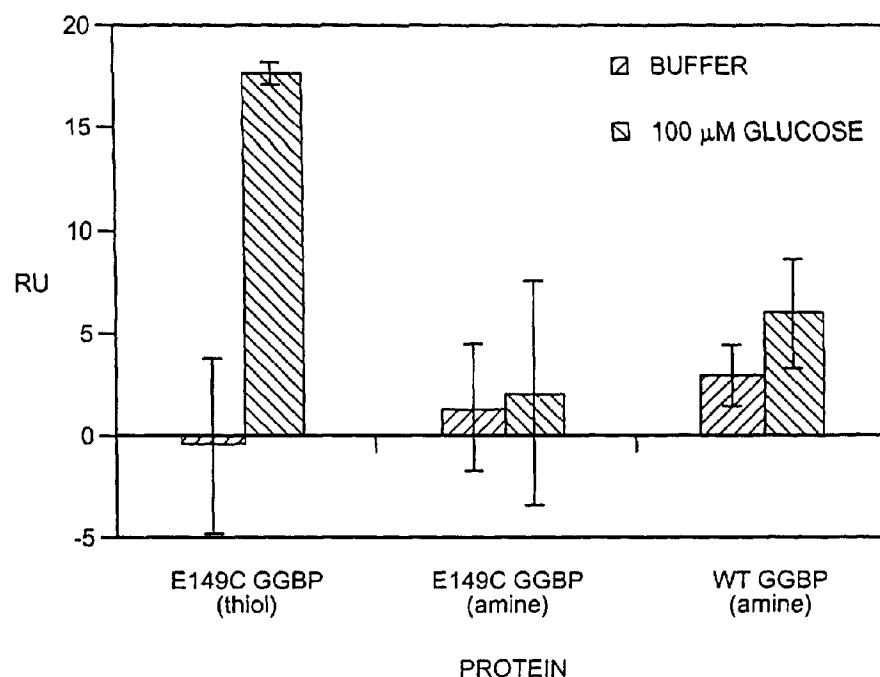
PCT

(10) International Publication Number
WO 03/057850 A2

- (51) International Patent Classification⁷: **C12N**
- (21) International Application Number: PCT/US03/00200
- (22) International Filing Date: 6 January 2003 (06.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/039,799 4 January 2002 (04.01.2002) US
- (71) Applicant (for all designated States except US): **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PITNER, J., Bruce** [US/US]; 2903 Quincemoor Road, Durham, NC 27712 (US). **GESTWICKI, Jason, E.** [US/US]; 650 Alamo Court, #13, Mountain View, CA 94043 (US). **PFIEFFER, Zachary, A.** [US/US]; 416 Paunack Place, #1, Madison, WI 53705 (US). **HSIEH, Helen, V.** [US/US]; 3602 Abercromby Drive, Durham, NC 27713 (US).
- (74) Agent: **HOBBS, Ann, S.**; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (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, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: BINDING PROTEINS AS BIOSENSORS



(57) Abstract: The invention is directed to compositions of mutated binding proteins containing thiol groups for coupling to sensor surfaces, analyte biosensor devices derived therefrom, and methods of their use as analyte biosensors both *in vitro* and *in vivo*.



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