Mobile | Deutsch | Español | Français | | 日本語 | 한국어 | Português | Русский | 中文 |

WIPO PATENTSCOPE

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home IP Services PATENTSCOPE

1. (WO2011017791) MONOCLONAL ANTIBODIES AGAINST THE PBP2-A PROTEIN AND HOMOLOGOUS SEQUENCES FOR THE TREATMENT OF INFECTIONS BY AND IMMUNODIAGNOSTICS OF BACTERIA OF THE *FIRMICUTES* PHYLUM

PCT Biblio. Data Description Claims National Phase Notices Documents

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2011/017791 **International Application No.:** PCT/BR2010/000263
Publication Date: 17.02.2011 **International Filing Date:** 10.08.2010
Chapter 2 Demand Filed: 10.03.2011

IPC: ***C07K 16/12*** (2006.01), ***A61K 39/40*** (2006.01), ***C07K 16/40*** (2006.01)

Applicants: **FUNDAÇÃO OSWALDO CRUZ** [BR/BR]; Avenida Brasil, Nº 4365 Manguinhos 21045-900, Rio de Janeiro, RJ (BR) *(For All Designated States Except US)*.
SENNA, José Procópio Moreno [BR/BR]; (BR) *(For US Only)*.
QUEIROZ, João Luiz Sampaio [BR/BR]; (BR) *(For US Only)*.
BATOREU, Nadia Maria [BR/BR]; (BR) *(For US Only)*.
TEIXEIRA, Maria da Glória Martins [BR/BR]; (BR) *(For US Only)*

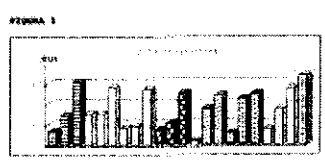
Inventors: **SENNA, José Procópio Moreno**; (BR).
QUEIROZ, João Luiz Sampaio; (BR).
BATOREU, Nadia Maria; (BR).
TEIXEIRA, Maria da Glória Martins; (BR)

Agent: **DE ALMEIDA, Kátia F.**; Bhering, Almeida & Associados Rua Beneditinos 16, 11° Andar, Centro 20081-050, Rio de Janeiro, RJ (BR)

Priority Data: PI 0914508-7 10.08.2009 BR

Title **(EN)** MONOCLONAL ANTIBODIES AGAINST THE PBP2-A PROTEIN AND HOMOLOGOUS SEQUENCES FOR THE TREATMENT OF INFECTIONS BY AND IMMUNODIAGNOSTICS OF BACTERIA OF THE *FIRMICUTES* PHYLUM
(FR) ANTICORPS MONOCLONAUX POUR LA PROTÉINE PBP2a ET SÉQUENCES HOMOLOGUES POUR LE TRAITEMENT D'INFECTIONS ET L'IMMUNODIAGNOSTIC DANS DES BACTÉRIES DU PHYLUM *FIRMICUTES*
(PT) ANTICORPOS MONOCLONAIS PARA A PROTEÍNA PBP2-A E SEQUÊNCIAS HOMÓLOGAS PARA O TRATAMENTO DE INFEÇCÕES E IMUNODIAGNÓSTICO EM BACTÉRIAS DO FILO FIRMICUTES

Abstract: **(EN)**The present invention relates to monoclonal antibodies capable of recognising and binding to the PBP2-a protein and to other proteins having sequences homologous to PBP2-a, including pathogenic species such as the methyciline-resistant *Staphylococcus Aureus* (MRSA), coagulase-negative *Staphilococcus*, *Staphylococcus sciuri* and *Enterococcus*, and any other bacteria containing the PBP2-a protein or homologous sequences. The invention also relates to the use of the monoclonal antibodies capable of recognising and binding to the PBP2-a protein and to other proteins having sequences homologous to PBP2-a in a complementary immunodiagnostic test for detecting resistance to beta-lactam antibiotics.



(FR) La présente invention concerne des anticorps monoclonaux capables de reconnaître la protéine PBP2a et d'autres protéines présentant des séquences homologues à PBP2a, et de se lier à celles-ci, y compris les pathogènes *Staphylococcus aureus* résistants à la méticilline - MRSA, *Staphylococcus* à coagulase négative, *Staphylococcus sciuri*, *Enterococcus* spp. et toute autre bactérie contenant la PBP2a ou des séquences homologues à cette protéine. L'invention concerne également l'utilisation de ces anticorps monoclonaux capables de reconnaître la protéine PBP2a et d'autres protéines présentant des séquences homologues à PBP2a, et de se lier à celles-ci, dans un immunodiagnostic complémentaire pour la détection de la résistance aux bêta-lactamines.
(PT)A presente invenção se refere à anticorpos monoclonais capazes de reconhecer e se ligar à proteina PBP2a e outras proteínas que apresentem seqüências homólogas à PBP2a, incluindo os patógenos *Staphylococcus aureus* resistentes a meticilina - MRSA, *Staphylococcus* coagulase negativa, *Staphylococcus sciuri*, *Enterococcus* spp. e qualquer outra bactéria que venha possuir a PBP2a ou seqüências homólogas a esta proteina. A invenção se refere ainda a utilização dos anticorpos monoclonais capazes de reconhecer e se ligar à proteina PBP2a e outras proteínas que apresentem seqüências homólogas à PBP2a em imunodiagnóstico complementar para a detecção da resistência aos beta-lactâmicos.

Designated States: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)
European Patent Office (EPO) (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR)
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publication Language:	Portuguese (PT)
Filing Language:	Portuguese (PT)