

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 January 2006 (26.01.2006)

PCT

(10) International Publication Number
WO 2006/008759 A3

(51) International Patent Classification:
C07K 14/35 (2006.01)

(74) Agents: **BHOLA, Ravi** et al.; K & S PARTNERS, 84-C,
C6 LANE OFF CENTRAL AVENUE, SAINIK FARMS,
NEW DELHI 110 062 (IN).

(21) International Application Number:
PCT/IN2005/000244

(22) International Filing Date: 20 July 2005 (20.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
709/CHE/2004 21 July 2004 (21.07.2004) IN

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): **CENTRE
FOR DNA FINGERPRINTING AND DIAGNOSTICS
[CDFD]** [IN/IN]; Department of Biotechnology, Ministry
of Science & Technology, Government of India, Nacharam,
Hyderabad 500 076 (IN).

(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, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HASNAIN, Seyed,
Ehtesham** [IN/IN]; Laboratory of Molecular and Cellular
Biology, Centre for DNA Fingerprinting and Diag-
nostics [CDFD], Nacharam, Hyderabad 500 076 (IN).
CHAKHAIYAR, Prachee [IN/IN]; Laboratory of Molec-
ular and Cellular Biology, Centre for DNA Fingerprinting
and Diagnostics [CDFD], Nacharam, Hyderabad 500 076
(IN). **NAGALAKSHMI, Yellajosyula** [IN/IN]; Mahavir
Hospital and Research Centre, Hyderabad 500 004 (IN).
ARUNA, Bandi [IN/IN]; Laboratory of Molecular and
Cellular Biology, Centre for DNA Fingerprinting and
Diagnostics [CDFD], Nacharam, Hyderabad 500 076 (IN).
MURTHY, Kollur, J., R., [IN/IN]; Mahavir Hospital and
Research Centre, Hyderabad 500 004 (IN). **KOTOCH,
Vishwa, M.,** [IN/IN]; Laboratory of Microbiology, Central
Jalma Institute for Leprosy, Agra 282 001 (IN).

Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))

Published:

— with international search report

(88) Date of publication of the international search report:
26 May 2006

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ANTIGENIC PEPTIDES

(57) Abstract: The present invention relates to peptide antigens of SEQ ID Nos. 1 to 10; repeat motif Gly-X-Gly-Asn-X-Gly of SEQ ID No. 11; and a method of developing drug against tuberculosis, said method comprising steps of targeting the proposed drug towards peptide antigens of SEQ ID Nos. 1 to 11, and thereby developing the drug against tuberculosis.



WO 2006/008759 A3