

(19)



(11)

EP 1 854 467 B8

(12)

CORRECTED EUROPEAN PATENT SPECIFICATION

(15) Correction information:

Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:

A61K 35/74 ^(2015.01) **A61P 37/04** ^(2006.01)
C12N 1/20 ^(2006.01)

(48) Corrigendum issued on:

26.09.2018 Bulletin 2018/39

(86) International application number:

PCT/JP2006/301661

(45) Date of publication and mention
of the grant of the patent:

15.08.2018 Bulletin 2018/33

(87) International publication number:

WO 2006/087913 (24.08.2006 Gazette 2006/34)

(21) Application number: **06712804.1**

(22) Date of filing: **01.02.2006**

(54) **Immunostimulatory composition**

Immunstimulierende Zusammensetzung

Composition immunostimulante

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR

(30) Priority: **02.02.2005 JP 2005026631**

05.09.2005 JP 2005256835

(43) Date of publication of application:

14.11.2007 Bulletin 2007/46

(73) Proprietor: **Meiji Co., Ltd.**

Chuo-ku

Tokyo 104-8306 (JP)

(72) Inventors:

- **MORO, Itaru**
Chiyoda-ku,
Tokyo 102-0073 (JP)
- **IWASE, Takashi**
Chiyoda-ku,
Tokyo 101-8310 (JP)
- **OCHIAI, Kuniyasu**
Chiyoda-ku,
Tokyo 101-8310 (JP)

• **YAJIMA, Masako**

Hachioji-shi

Tokyo 192-0919 (JP)

• **TERAHARA, Masaki**

Hachioji-shi

Tokyo 192-0919 (JP)

• **NAKAMURA, Yoshitaka**

Hachioji-shi

Tokyo 192-0919 (JP)

• **TOTSUKA, Mamoru**

Bunkyo-ku,

Tokyo 113-8657 (JP)

• **YAMADA, Kiyoshi**

Bunkyo-ku,

Tokyo 113-8657 (JP)

(74) Representative: **Denison, Christopher Marcus et al**

Mewburn Ellis LLP

City Tower

40 Basinghall Street

London EC2V 5DE (GB)

(56) References cited:

JP-A- 02 280 059 JP-A- 04 342 533

JP-A- 07 061 934 JP-A- 2002 255 853

JP-A- 2004 262 773 JP-A- 2005 089 388

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 1 854 467 B8

- TEJADA-SIMON M V ET AL: "Ingestion of yogurt containing *Lactobacillus acidophilus* and *Bifidobacterium* to potentiate immunoglobulin A responses to cholera toxin in mice", JOURNAL OF DAIRY SCIENCE, vol. 82, no. 4, April 1999 (1999-04), pages 649-660, XP008143679, ISSN: 0022-0302
- TAKAHASHI TAKESHI ET AL: "Effects of orally ingested *Bifidobacterium longum* on the mucosal IgA response of mice to dietary antigens", BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY, vol. 62, no. 1, January 1998 (1998-01), pages 10-15, XP002660397, ISSN: 0916-8451
- SHI H N ET AL: "Bacterial colonization and the development of intestinal defences", CANADIAN JOURNAL OF GASTROENTEROLOGY 200408 CA, vol. 18, no. 8, August 2004 (2004-08), pages 493-500, XP002660398, ISSN: 0835-7900
- PARK J.H. ET AL.: 'ENCAPSULATED BIFIDOBACTERIUM BIFIDUM POTENTIATES INTESTINAL IGA PRODUCTION' CELL IMMUNOL. vol. 219, no. 1, 2002, pages 22 - 27, XP003001287
- KO E.J. ET AL.: 'BIFIDOBACTERIUM BIFIDUM EXHIBITS A LIPOPOLYSACCHARIDE-LIKE MITOGENIC ACTIVITY FOR MURINE B LYMPHOCYTES' JOURNAL OF DAIRY SCIENCE vol. 82, no. 9, 1999, pages 1869 - 1876, XP003001288
- HOSONO A. ET AL.: 'Men'ekikei tp Sogosayo suru Chonai Saikin (Probiotics)' ALLERGOLOGY vol. 18, no. 6, 2004, pages 483 - 489, XP003001289

Remarks:

The file contains technical information submitted after the application was filed and not included in this specification