

Title (en)

USE OF MICROORGANISMS FOR REDUCING THE LEVEL OF TRIMETHYLAMINE IN A HUMAN BODY CAVITY, IN PARTICULAR FOR THE TREATMENT OF TRIMETHYLAMINURIA OR OF BACTERIAL VAGINOSIS AND THE PREVENTION OF CARDIOVASCULAR DISEASES

Title (de)

VERWENDUNG VON MIKROORGANISMEN ZUR VERRINGERUNG DER TRIMETHYLAMINKONZENTRATION IN EINER MENSCHLICHEN KÖRPERHÖHLE, INSBESONDERE ZUR BEHANDLUNG VON TRIMETHYLAMINURIE ODER BAKTERIELLER VAGINOSE UND PRÄVENTION VON KARDIOVASKULÄREN ERKRANKUNGEN

Title (fr)

UTILISATION DE MICROORGANISMES POUR DIMINUER LE TAUX DE TRIMÉTHYLAMINE DANS UNE CAVITÉ DU CORPS HUMAIN, NOTAMMENT POUR LE TRAITEMENT DE LA TRIMÉTHYLAMINURIE OU D'UNE VAGINOSE BACTÉRIENNE ET LA PRÉVENTION DES MALADIES CARDIOVASCULAIRES

Publication

EP 2925346 A1 20151007 (FR)

Application

EP 13766995 A 20130927

Priority

- FR 1261507 A 20121130
- FR 1352239 A 20130313
- FR 1356937 A 20130715
- EP 2013070249 W 20130927

Abstract (en)

[origin: WO2014082773A1] Composition containing a microorganism, preferably an Archaea, expressing a TMA methyltransferase and a TMA methyl group acceptor corrinoid protein, capable of metabolizing trimethylamine (TMA) in the presence of hydrogen in a human cavity, such as the intestine or the vagina, for use as a medicament for treating, reducing or eliminating TMA at the level of the human cavity. In addition, a composition containing a TMA methyltransferase and a TMA methyl group acceptor corrinoid protein. These compositions are of use for treating trimethylaminuria, for treating vaginal fluids in the case of bacterial vaginosis and for reducing or eliminating odours due to TMA. These compositions are also of use for reducing the level of plasma TMAO, for preventing the formation of atheroma plaques and/or for preventing cardiovascular diseases.

IPC 8 full level

A61K 38/45 (2006.01); **A61K 35/74** (2015.01); **A61P 9/00** (2006.01); **A61P 15/02** (2006.01); **A61P 43/00** (2006.01); **C12N 1/20** (2006.01)

CPC (source: EP US)

A61K 35/74 (2013.01 - EP US); **A61K 38/45** (2013.01 - EP US); **A61P 9/00** (2018.01 - EP); **A61P 15/02** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C12N 9/1007** (2013.01 - EP US); **C12Y 201/0125** (2015.07 - EP US); **Y02A 50/30** (2018.01 - EP US)

Citation (examination)

WO 9951753 A1 19991014 - UNIV ALBERTA [CA], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014082773 A1 20140605; CA 2893265 A1 20140605; CN 104918633 A 20150916; EP 2925346 A1 20151007; US 10238695 B2 20190326; US 2016074440 A1 20160317

DOCDB simple family (application)

EP 2013070249 W 20130927; CA 2893265 A 20130927; CN 201380069004 A 20130927; EP 13766995 A 20130927; US 201314648186 A 20130927