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**(54) Title (EN):** STABLE CAPSULES WITH FECAL MICROBIOTA OR A CULTURE OF MICROORGANISMS

**(54) Title (FR):** CAPSULES STABLES COMPORTANT UN MICROBIOTE FÉCAL OU UNE CULTURE DE MICRO-ORGANISMES

**(57) Abstract:**

**(EN):** The present invention provides a hard capsule comprising an outer and one inner capsule, wherein the outer capsule comprises a hydrophobic liquid and the inner capsule which comprises a composition comprising uncoated microorganisms and optionally at least one desiccant. The composition may comprise a filtrate composed of viable fecal bacteria useful for fecal microbiota transplantation (FMT) or a mixture of one or more different types of microorganisms isolated from intestinal microbiome, such as bacteria, archaea, virus, or fungi such as yeast. The composition may comprise a desiccant, preferably a food approved component which is degradable in the gastrointestinal tract. The hydrophobic liquid, if present, is preferably at least one edible oil. Also provided are methods of treating or preventing a dysbiosis in a human subject, comprising administering to the human subject at least one capsule of the invention.

**(FR):** La présente invention concerne une capsule dure comprenant une capsule externe et une capsule interne, la capsule externe comprenant un liquide hydrophobe et la capsule interne comprenant une composition comprenant des micro-organismes non enrobés et éventuellement au moins un agent déshydratant. La composition peut comprendre un filtrat composé de bactéries fécales viables utiles pour la bactériothérapie fécale (FMT) ou un mélange d'un ou plusieurs types différents de micro-organismes isolés du microbiome intestinal, tels que des bactéries, des archées, des virus ou des champignons tels que la levure. La composition peut comprendre un agent déshydratant, de préférence un constituant approuvé de qualité alimentaire qui est dégradable dans le tractus gastro-intestinal. Le liquide hydrophobe, le cas échéant, est de préférence au moins une huile comestible. L'invention concerne également des méthodes de traitement ou de prévention d'une dysbiose chez un sujet humain, consistant à administrer au sujet humain au moins une capsule de l'invention.

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**Declarations:**

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America