Claims

1. Use of a composition comprising myo-inositol in the manufacture of a medicament for the prevention of a preterm-onset pre-labour rupture of membranes (PPROM) and disorders and/or conditions linked to PPROM in a female subject.

2. The use in accordance with claim 1, wherein the composition further comprises probiotics.

3. The use in accordance with claim 2, wherein the probiotics comprise a combination of Lactobacillus and Bifidobacterium.

4. The use in accordance with claim 3, wherein the Lactobacillus is the Lactobacillus rhamnosus GG strain available under the deposit number CGMCC 1.3724, and the Bifidobacterium is the Bifidobacterium lactis BB12 strain deposited as CNCM I-3446.

5. The use in accordance with one of the preceding claims, wherein the composition further comprises at least one vitamin selected from the group consisting of vitamin B2, vitamin B6, vitamin B12, vitamin D and mixtures thereof.

6. The use in accordance with one of the preceding claims, wherein the composition comprises myo-inositol, vitamin B2, vitamin B6, vitamin B12, vitamin D, a Bifidobacterium lactis BB12 CNCMI-3446 and a Lactobacillus rhamnosus GG CGMCC 1.3724.

7. The use in accordance with one of the preceding claims, wherein the composition comprises from 0.2 to 5 g of myo-inositol, from 0.14 to 14 mg of vitamin B2, from 0.19 to 19 mg of vitamin B6, from 0.26 to 26 µg of vitamin B12, from 1.5 to 100 µg of vitamin D, from 10^5 to 10^{12} cfu of Bifidobacterium lactis BB12 CNCMI-3446 and from 10^5 to 10^{12} cfu of Lactobacillus rhamnosus GG CGMCC 1.3724, all amounts being defined by daily dose.

8. The use in accordance with one of the preceding claims, wherein the composition further comprises zinc.

9. The use in accordance with one of the preceding claims, wherein the disorder and/or condition linked to a PPROM is selected from the group consisting of premature birth; infections, such as infections of the amniotic fluid and membranes, for example; the separation of the placenta from the uterus; complications with the umbilical cord; the necessity to deliver by surgical or cesarean section and combinations thereof.

10. The use in accordance with one of the preceding claims, wherein the subject is a mammal, for example selected from the group consisting of a cat, a dog and a human.

11. The use in accordance with one of the preceding claims, wherein the subject is a female who is trying to get pregnant or is pregnant.

12. The use in accordance with one of the preceding claims, wherein the composition is to be administered to a subject at risk of premature delivery and/or PPROM.

13. The use in accordance with one of the preceding claims, wherein the composition is to be administered to a subject during pregnancy, for example during throughout the second and third trimesters of pregnancy.

14. The use in accordance with one of the preceding claims, wherein the composition is in the form of a powdered nutritional composition to be reconstituted in milk or water, a food product, a drink, a nutritional supplement or a nutraceutical.

15. Use of a kit of parts comprising at least two physically separated compositions, each comprising at least one ingredient selected from the group consisting of vitamin B2, vitamin B6, vitamin B12, and vitamin D, at least one of the physically separated compositions comprises myo-inositol and at least one of the physically separated compositions comprises probiotics, in the manufacture of a medicament for the prevention of a preterm-onset pre-labour rupture of membranes (PPROM) and disorders and/or conditions linked to PPROM in a female subject.