# CLAIMS

1. Use of an agent comprising a *Lactobacillus gasseri*~~lactic acid~~ bacterium in the manufacture of ~~an agent~~a medicament for either or both prevention and improvement of endometriosis.

~~2. The use of claim 1, wherein the lactic acid bacterium is of the genus *Lactobacillus*.~~
~~3. The use of claim 1, wherein the lactic acid bacterium is *Lactobacillus gasseri*.~~

42. The use of claim 1, wherein the *Lactobacillus gasseri*~~lactic acid~~ bacterium is *Lactobacillus gasseri* strain OLL2809.

~~5~~3. Use of a ~~lactic acid bacterium in the manufacture of~~ a food or beverage composition comprising a *Lactobacillus* gasseri bacterium in the manufacture of a medicament for either or both prevention and improvement of endometriosis.

~~6. The use of claim 5, wherein the lactic acid bacterium is of the genus *Lactobacillus*.~~
~~7. The use of claim 5, wherein the lactic acid bacterium is *Lactobacillus gasseri*.~~

~~8~~4. The use of claim ~~5~~3, wherein the lactic acid bacterium is *Lactobacillus gasseri* strain OLL2809.

~~9~~5. The use of claim ~~8~~4, wherein the food or beverage composition is a fermented milk food or beverage composition.

~~10~~6. The use of claim ~~9~~5, wherein the fermented milk food or beverage composition is yogurt.

~~11~~7. Use of a composition comprising an effective amount of a *Lactobacillus gasseri*~~lactic acid~~ bacterium in the manufacture of a medicament for either or both prevention and improvement of endometriosis~~, wherein the medicament is to be administered at a desired dose~~.

~~12. The use of claim 11, wherein the lactic acid bacterium is of the genus *Lactobacillus*.~~

~~13. The use of claim 11, wherein the lactic acid bacterium is *Lactobacillus gasseri*.~~

~~14~~8. The use of claim ~~11~~7, wherein the lactic acid bacterium is *Lactobacillus gasseri* strain OLL2809.

~~15~~9. The use of ~~any one of~~ claims ~~11~~7 ~~to~~ or ~~14~~8, wherein the ~~dose~~ medicament is to be administered at least 2 mg/kg/day.

10. Use of a composition comprising a *Lactobacillus gasseri* bacterium in the preparation of a food composition for either or both prevention and improvement of endometriosis, wherein the food composition is ingested as a food for specified health uses or a food with nutrient function claims.

11. The use of claim 10, wherein the *Lactobacillus gasseri* bacterium is *Lactobacillus gasseri* strain OLL2809.

12. A food or beverage composition comprising a *Lactobacillus gasseri* bacterium for use in either or both prevention and improvement of endometriosis, wherein the food or beverage composition is ingested as a food for specified health uses or a food with nutrient function claims.

13. The food or beverage composition of claim 12, wherein the *Lactobacillus gasseri* bacterium is *Lactobacillus gasseri* strain OLL2809.