CLAIMS

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

2. The use of claim 1, wherein the *Lactobacillus gasseri* bacterium is *Lactobacillus gasseri* strain OLL2809.

3. Use of a ~~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.

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

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

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

7. Use of a composition comprising an effective amount of a *Lactobacillus gasseri*bacterium in the manufacture of a medicament for either or both prevention and improvement of endometriosis.

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

9. The use of claims 7 or 8, wherein the 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.~~

10. A method for conferring an effect of either or both of prevention and improvement of endometriosis to a food or beverage composition comprising mixing a *Lactobacillus gasseri* bacterium and the food or beverage composition.

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