CLAIMS

1. Use of Lactococcus lactis subsp. lactis JCM5805 or a composition comprising the same in the manufacture of a pharmaceutical composition for improving a deteriorated skin condition, wherein the deteriorated skin condition is a skin condition deteriorated by light exposure.

2. The use according to claim 1, wherein the deteriorated skin condition is a decrease in skin moisture content and/or an increase in skin redness.

3. The use according to claim 1 or 2, wherein the pharmaceutical composition comprises Lactococcus lactis subsp. lactis JCM5805 in the form of a dead bacterium.

4. The use according to any one of claims 1 to 3, wherein the pharmaceutical composition comprises an effective daily intake amount of Lactococcus lactis subsp. lactis JCM5805 for a human.

5. The use according to claim 4, wherein the effective daily intake amount for a human ranges from 0.5 to 1000 mg on the basis of dried bacterial powder.

6. The use according to claim 4 or 5, wherein the effective daily intake amount for a human ranges from 1×10^{8} to 1×10^{14} on the basis of the number of bacteria.

7. The use according to any one of claims 1 to 6, wherein the pharmaceutical composition is in the form of a unit package.

8. The use according to any one of claims 1 to 7, wherein the pharmaceutical composition is provided in a food composition.

9. Lactococcus lactis subsp. lactis JCM5805 or a composition comprising the same when used to improve a normal condition of skin that is exposed to light.

10. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of claim 9, wherein the improvement in normal condition of skin is an increase in skin moisture content and/or a decrease in skin redness.

11. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of claim 9 or 10, wherein the Lactococcus lactis subsp. lactis JCM5805 is in the form of a dead bacterium.

12. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of any one of claims 9 to 11, wherein the composition comprises an effective daily intake amount of Lactococcus lactis subsp. lactis JCM5805 for a human.

13. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of claim 12, wherein the effective daily intake amount for a human ranges from 0.5 to 1000 mg on the basis of dried bacterial powder.

14. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of claim 12 or 13, wherein the effective daily intake amount for a human ranges from 1×10^{8} to 1×10^{14} on the basis of the number of bacteria.

15. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of any one of claims 9 to 14, wherein the Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same is in the form of a unit package.

16. The Lactococcus lactis subsp. lactis JCM5805 or composition comprising the same of any one of claims 9 to 15, wherein the composition is a food composition.