Claims

1. A pharmaceutical composition comprising isolated *Lactobacillus reuteri* NK33 (KCCM12090P).

2. The pharmaceutical composition according to claim 1, wherein the composition further comprises isolated *Bifidobacterium adolescentis* NK98 (as deposited at the Korean Culture Center of Microorganisms under accession number KCCM12297P).

3. Use of the composition of claim 1 or 2, in the preparation of a drug for preventing or treating a neurological mental disease.

4. Use of the composition of claim 1 or 2, in the preparation of a drug for preventing or treating an inflammatory disease.

5. The use according to claim 3 or 4, wherein the isolated *Lactobacillus reuteri* NK33 (KCCM12090P) is a live bacterial cell thereof, a dead bacterial cell thereof, a culture product thereof, a crush thereof or an extract thereof.

6. The use according to claim 3, wherein the neurological mental disease is a neurodegenerative disease or a mental disorder.

7. The use according to claim 6, wherein the mental disorder is one or more selected from the group comprising anxiety, depression, mood disorder, insomnia, delusional disorder, obsessive disorder, migraine, stress, memory disorder, cognitive disorder

and disturbance attention.

8. The use according to claim 6, wherein the neurodegenerative disease is one or more selected from the group comprising Parkinson's disease, Huntington's disease, Alzheimer's disease, amyotrophic lateral sclerosis, spinocerebellar atrophy, Tourette's syndrome, Friedrich's ataxia, Machado-Joseph's disease, dementia, dystonia and progressive supranuclear palsy.

9. The use according to any one of claims 3 to 8, wherein the composition further comprises isolated *Bifidobacterium adolescentis* IM38 (KCCM11807P).

10. A health functional food comprising isolated *Lactobacillus reuteri* NK33 (KCCM12090P).

11. The health functional food according to claim 10, wherein the food further comprises isolated *Bifidobacterium adolescentis* NK98 (KCCM12297P).

12. Use of the food according to claim 10 or 11, in the preparation of a composition for preventing or improving a neurological mental disease.

13. Use of the food according to claim 10 or 11, in the preparation of a composition for preventing or improving an inflammatory disease.