CLAIMS

What is claimed is:

1. Use of a composition comprising an amount of nonviable pluripotent stem cells effective to improve cognition in the subject in the manufacture of a medicament for improving cognition in a subject in need thereof.

2. The use according to claim 1, further comprising preparing the composition by mixing nonviable pluripotent stem cells with liquid media.

3. The use according to claim 2, wherein the liquid media comprises saline.

4. The use according to any one of claims 1 to 3, wherein the subject is a human.

5. The use according to claim 4, wherein the human subject is in need of treatment for a deficiency in at least one of the following cognitive abilities: reasoning, judgment, perception, attention, memory, motor skills, language, coordination, intelligence, and visual and spatial processing.

6. The use according to any one of claims 1 to 5, wherein the nonviable pluripotent stem cells are lyophilized pluripotent stem cells.

7. The use according to any one of claims 1 to 5, wherein the nonviable pluripotent stem cells are lethally irradiated pluripotent stem cells.

8. The use according to any one of claims 1 to 7, wherein the pluripotent stem cells do not include conditioned media.

9. The use according to any one of claims 1 to 8, wherein the pluripotent stem cells are embryonic stem cells.

10. The use according to any one of claims 1 to 9, wherein improving cognition includes improving memory.

11. Use of a composition comprising an amount of nonviable pluripotent stem cells effective to slow the progression of cognitive impairment in the subject in the manufacture of a medicament for slowing the progression of cognitive impairment in a subject with age-related cognitive impairment.

12. The use according to claim 11, further comprising preparing the composition by mixing nonviable pluripotent stem cells with liquid media.

13. The use according to claim 12, wherein the liquid media comprises saline.

14. The use according to any one of claims 11 to 13, wherein the subject is a human.

15. The use according to any one of claims 11 to 14, wherein the nonviable pluripotent stem cells are lyophilized pluripotent stem cells.

16. The use according to any one of claims 11 to 14, wherein the nonviable pluripotent stem cells are lethally irradiated pluripotent stem cells.

17. The use according to any one of claims 11 to 16, wherein the pluripotent stem cells do not include conditioned media.

18. The use according to any one of claims 11 to 17, wherein the pluripotent stem cells are embryonic stem cells.

19. The use according to any one of claims 11 to 18, wherein the cognitive impairment is a deficiency in at least one of the following: reasoning, judgment, perception, attention, memory, motor skills, language, coordination, intelligence, and visual and spatial processing.

20. Use of a composition comprising an amount of nonviable pluripotent stem cells effective to improve age-related organ or tissue dysfunction in the subject in the

manufacture of a medicament for improving age-related organ or tissue dysfunction in a subject in need thereof.

21. The use according to claim 20, wherein improving age related organ or tissue dysfunction is improving cardiac contractility and/or relaxation.

22. The use according to claim 20 or claim 21, further comprising preparing the composition by mixing nonviable pluripotent stem cells with liquid media.

23. The use according to claim 22, wherein the liquid media comprises saline.

24. The use according to any one of claims 20 to 23, wherein the subject is a human.

25. The use according to any one of claims 20 to 24, wherein the nonviable pluripotent stem cells are lyophilized pluripotent stem cells.

26. The use according to any one of claims 20 to 24, wherein the nonviable pluripotent stem cells are lethally irradiated pluripotent stem cells.

27. The use according to any one of claims 20 to 26, wherein the pluripotent stem cells do not include conditioned media.

28. The use according to any one of claims 20 to 27, wherein the pluripotent stem cells are embryonic stem cells.