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SUMMARY

[0011a] In one aspect, there is provided use of a SSEA-3-positive pluripotent stem cell derived from a mesenchymal tissue in a living body or a cultured mesenchymal cell in manufacture of a cell product for prevention and/or treatment of a vascular disorder.

PROBLEMS TO BE SOLVED BY THE INVENTION

CLAIMS

1. Use of a SSEA-3-positive pluripotent stem cell derived from a mesenchymal tissue in a living body or a cultured mesenchymal cell in manufacture of a cell product for prevention and/or treatment of a vascular disorder.

2. The use of claim 1, wherein the vascular disorder is aneurysm.

3. The use of claim 2, wherein the aneurysm is aortic aneurysm.

4. The use of claim 3, wherein the aortic aneurysm is abdominal aortic aneurysm or thoracic aortic aneurysm.

5. The use of claim 2, wherein the aneurysm is visceral aneurysm, peripheral artery aneurysm, cerebral aneurysm or coronary artery aneurysm.

6. The use of claim 2, wherein the aneurysm is fusiform aneurysm or saccular aneurysm.

7. The use of claim 2, wherein the aneurysm is true aneurysm, dissecting aneurysm or false aneurysm.

8. The use of claim 2, wherein the aneurysm is arteriosclerotic aneurysm, inflammatory aneurysm or infected aneurysm.

9. The use of any one of claims 1 to 8, wherein said pluripotent stem cell has all of the following characteristics:

(i) having low or no telomerase activity;

(ii) capable of differentiating into any of tridermic cells;

(iii) showing no neoplastic proliferation; and

(iv) having self-renewal capacities.