461.

Non-Patent Document 2: Crowther M, et al. J Vasc Surg 2000: 575-583.

Non-Patent Document 3: Freestone T, et al. Arterioscler Thromb Vasc Biol 1995: 1145-1151.

Non-Patent Document 4: Traub O, et al. Arterioscler Thromb Vasc Biol 1998: 677-685.

Non-Patent Document 5: Visse R, et al. Circ Res 2003: 827-39.

Non-Patent Document 6: Kazi M, et al. J Vasc Surg 2003: 1283-1292.

Non-Patent Document 7: Fontain V, et al. Am J Pathol 2004: 2077-2087.

Non-Patent Document 8: Allaire E, et al. Annals of Surgery 2004: 239(3): 417-427.

Non-Patent Document 9: Xiong J, et al. J Vasc Surg 2008: 48(4): 965-973

Non-Patent Document 10: Franck G, et al. Circulation 2013: 127: 1877-1887

Non-Patent Document 11: Nagaya, N, et.al. Am J Physiol Heart Circ Physiol, 2004: 287(6), 2670-2676.

Non-Patent Document 12: Nagaya N, et. al. Circulation, 2005: 112, 1128-1135.

Non-Patent Document 13: Kagiwada H, et. al. J Tissue Eng Regen Med, 2008: 2(4), 184-189.

Non-Patent Document 14: Schneider F, et al. Eur J Vasc Endovasc Surg, 2013: 45(6): 666-672

Non-Patent Document 15: Hashizume R, et al. J Vasc Surg, 2011: 54(6): 1743-1752

Non-Patent Document 16: Fu X M, et al. J Transl Med, 2013: 11: 175.

Non-Patent Document 17: Yamawaki A, et al. Eur J Cardiothorac Surg, 2014: 45(5): e156-165.

Non-Patent Document 18: Kuroda Y et al. Proc Natl Acad Sci USA, 2010: 107: 8639-8643.

Non-Patent Document 19: Wakao S et al. Proc Natl Acad Sci USA, 2011: 108: 9875-9880.

Non-Patent Document 20: Kuroda Y et al. Nat Protc, 2013: 8: 1391-1415.

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 aneurysm, 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.

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 aneurysm, 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.

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

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

4. The use of claim 1, wherein the aneurysm is visceral aneurysm, peripheral artery aneurysm, cerebral aneurysm or coronary artery aneurysm.

5. The use of claim 1, wherein the aneurysm is fusiform aneurysm or saccular aneurysm.

6. The use of claim 1, wherein the aneurysm is true aneurysm, dissecting aneurysm or false aneurysm.

7. The use of claim 1, wherein the aneurysm is arteriosclerotic aneurysm, inflammatory aneurysm or infected aneurysm.