CLAIMS

1. A medium when used in the passage culture of mammalian somatic cells comprising an agonist for an endothelial cell differentiation gene (Edg) family receptor and ~~a ligand~~ an agonist for a serotonin receptor, wherein said medium is a serum-free medium ~~or a low-serum medium~~.

2. The medium according to claim 1, wherein the concentration of said agonist for an endothelial cell differentiation gene family receptor in the medium is 0.01 to 100 μM, and the concentration of said agonist for a serotonin receptor in the medium is 0.1 to 100 μM.

3. The medium according to claims 1 or 2, wherein said agonist for an endothelial cell differentiation gene family receptor is at least one selected from the group consisting of lysophosphatidic acid (LPA) and salts thereof; sphingosine-1-phosphate (S1P); and agonists of endothelial cell differentiation gene (Edg) family receptors.

4. The medium according to claim 1, wherein said agonist for an endothelial cell differentiation gene family receptor is at least one selected from the group consisting of lysophosphatidic acid (LPA) and salts thereof and has a concentration of 0.25 to 10 μM in the medium, and said ~~ligand~~ agonist for a serotonin receptor has a concentration of 0.25 to 20 μM in the medium.

5. The medium according to any one of claims 1 to 4, wherein said agonist for a serotonin receptor is at least one selected from the group consisting of serotonin and salts thereof~~; and agonists of serotonin receptors~~.

6. The medium according to any one of claims 1 to 5, further comprising an antioxidant.

7. The medium according to claim 6, wherein said antioxidant is at least one selected from the group consisting of N-acetylcysteine and L-cysteine.

8. The medium according to claim 6 or 7, wherein the concentration of said antioxidant is 0.01 mM to 10 mM.

9. The medium according to any one of claims 1 to 8, further comprising an animal serum albumin.

10. The medium according to any one of claims 1 to 9, wherein the concentration of said serum albumin in the medium is 0.0001 to 10% by weight.

11. The medium according to any one of claims 1 to 10, further comprising a growth factor.

12. The medium according to claim 11, wherein said growth factor is at least one selected from the group consisting of platelet-derived growth factors (PDGFs), basic fibroblast growth factors (bFGFs) and epidermal growth factors (EGFs).

13. The medium according to claim 12, comprising two types of said growth factors which are a platelet-derived growth factor (PDGF) and a basic fibroblast growth factor (bFGF) in the medium.

14. The medium according to any one of claims 11 to 13, wherein the concentration of said growth factor in the medium is 0.1 to 100 ng/mL.

15. An additive ~~for a medium~~ when used in a medium for passage culture of mammalian somatic cells, said additive comprising an agonist for an endothelial cell differentiation gene (Edg) family receptor and an agonist for a serotonin receptor, wherein said medium is a serum-free medium ~~or a low-serum medium~~.

16. The additive according to claim 15, wherein said agonist for an endothelial cell