Claims

1. (Amended) A cosmetic comprising any one of powdery culture sup including at least two growth factors selected from the group consisting of platelet-derived growth factor (PDGF), vascular endothelial growth factor (VEGF), insulin-like growth factor (IGF), keratinocyte growth factor (KGF), hepatocyte growth factor (HGF), and transforming growth factor (TGF) obtained by culturing a stem cell selected form the group consisting of mammal dental pulp of exfoliated deciduous teeth a stem cell of a swine from 3 to 12 moth old, a swine bone marrow stem cell and a swine adipose stem cell as a main ingredient.

2. (Deleted)

3. (Amended) The cosmetic according to the claim 2, said powdery culture sup is prepared from a culture sup selected from the group consisting of said swine dental pulp of said exfoliated deciduous teeth, said swine bone marrow, and said swine adipose tissue of the swine by freeze-drying after alcohol condensation.

4. (Deleted)

5. (Amended) A cosmetic according to any one of the claims 1 or 3, said cosmetic form is anyone selected from the group consisting of a liquid, a cream, an ointment, a gel, an emulsion, and a cataplasm.

6. A cosmetic according to the claim 5, said cosmetic is applied for skin including scalp or hair.

7. (Amended) A cosmetic stored in a container comprising:

a first compartment;

a second compartment;

a bar member to form a through hole on a partition between said first and said second compartment; and

a thin outlet for attaching said preparation dissolved in a solution to a scalp; wherein,

said first compartment includes a solvent; said second compartment includes an active ingredient composition comprising a carrier and any one of powdery culture sup including at least two growth factors selected from the group consisting of platelet-derived growth factor (PDGF), vascular endothelial growth factor (VEGF), insulin-like growth factor (IGF), keratinocyte growth factor (KGF), hepatocyte growth factor (HGF), and transforming growth factor (TGF) obtained by culturing selected from the group consisting of that of a swine dental pulp exfoliated deciduous teeth from 3 to 12 month age, that of a swine bone marrow, and that of a swine adipose tissue; and said bar member formed said through hole in said partition to solve said active ingredient composition into said solvent immediately before to use said cosmetic.

8. (Amended) The cosmetic according to the claim 7, said solvent is any one of selected from the group consisting of a liquid to which an ion is charged, saline and phosphate buffered saline.

9. The cosmetic according to any one of the claims 7 and 8, which is applied for skin including scalp and hair.

10. (Amended) A an iontophoresis method for a protein comprising the steps of:

placing a sheet form of a moisture-retaining member containing said cosmetic according to either the claim 1 or 7 on a predetermine site through which said cosmetic is absorbed;

attaching a positively-charged electrode to another predetermined site, different from the site to be placing the sheet form of a moisture-retaining member containing said cosmetic; and

attaching a negatively- charged rod-like electrode to rotate and move on said sheet from.

11. The method according to the claim 10, wherein said predetermined site is any one of selected from the group consisting of an arm, a hand, a palm, a leg, and a ham, and a bottom of foot.

12. (Amended) A dermal formation promoting agent comprising a powdery culture sup including at least two growth factors selected from the group consisting of

platelet-derived growth factor (PDGF), vascular endothelial growth factor (VEGF), insulin-like growth factor (IGF), keratinocyte growth factor (KGF), hepatocyte growth factor (HGF), and transforming growth factor (TGF) obtained by culturing of a stem cell of a swine from 3 to 12 month age selected from the group consisting of that of a dental pulp stem cell, that of a bone marrow stem cell, and that of an adipose stem cell.

13. (Deleted)

14. The cosmetic according to the claim 12, said powdery culture sup is prepared from said culture sup selected from the group consisting of said dental pulp of said exfoliated deciduous teeth, said bone marrow, and said adipose tissue by freeze-drying after alcohol condensation.

15. (Deleted)

16. A cosmetic according to either the claim 12 or 14, said cosmetic has any one of the form selected from the group consisting of a liquid, a cream, an ointment, a gel, an emulsion, and a cataplasm.

Claims

1. A cosmetic characterized by comprising any one of powdery culture supernatant including at least two growth factors selected from the group consisting of platelet-derived growth factor (PDGF), vascular endothelial growth factor (VEGF), insulin-like growth factor (IGF), keratinocyte growth factor (KGF), hepatocyte growth factor (HGF), and transforming growth factor (TGF) obtained by culturing a stem cell of a swine from 3 to 12 month old selected from the group consisting of a swine dental pulp of exfoliated deciduous teeth, a swine bone marrow stem cell and a swine adipose stem cell as a main ingredient.

2. The cosmetic according to the claim 1, wherein said powdery culture supernatant is prepared from a culture supernatant selected from the group consisting of said swine dental pulp of said exfoliated deciduous teeth, said swine bone marrow, and said swine adipose tissue by freeze-drying after alcohol condensation.

3. The cosmetic according to any one of the claims 1 or 2, wherein said cosmetic form is selected from the group consisting of a liquid, a cream, an ointment, a gel, an emulsion, and a cataplasm.

4. The cosmetic according to the claim 5, said cosmetic is suitable for applying to skin including scalp or hair.

5. An iontophoresis method for a protein characterized by comprising the steps of:

placing a sheet form of a moisture-retaining member containing said cosmetic according to the claim 1 or 7 on a predetermine site through which said cosmetic is absorbed;

attaching a positively-charged electrode to another predetermined site, different from the site to be placing the sheet form of a moisture-refraining member containing said cosmetic; and

attaching a negatively-charged rod like electrode to rotate and move on said sheet from.

6. The method according to the claim 5, wherein said predetermined site is any one selected from the group consisting of an arm, a hand, a palm, a leg, and a ham and a bottom of foot.

7. The cosmetic according to any one of claims 1 to 4 is suitable for use as a dermal formation promoting agent