CLAIMS

1. A composition for regenerating hair follicles, consisting of ~~comprising~~ CD36-expressing dermal sheath cells (DSc).

2. The composition for regenerating hair follicles according to claim 1, further comprising dermal papilla cells (DPc).

3. The composition according to claim 2, wherein the ratio of the number of CD36-expressing DSc to the number of DPc is about 10:1 to 1:10.

4. The composition according to claim 2 or 3, wherein the CD36-expressing DSc and the DPc are both derived from mice or both derived from rats, or both derived from human.

5. The composition according to claim 2 or 3, wherein the CD36-expressing DSc and the DPc are heterologous cells, and each of them are derived from mice, rats or humans.

~~6. A method for regenerating hair follicles, comprising transplanting the composition according to any of claims 1 to 5 to a human.~~

~~7. A method for regenerating hair follicles by transplanting the composition according to any of claims 1 to 5 to a recipient animal.~~

~~8. The method according to claim 7, wherein the recipient animal is an immunosuppressed animal.~~

~~9. The method according to claim 7 or 8, wherein the recipient animal is an immunosuppressed animal selected from the group consisting of a nude mouse, SCID mouse and nude rat.~~

6~~10~~. A method for regenerating hair follicles, comprising producing a three-dimensional mouse or rat skin model containing the composition according to any of claims 2 to 5.

7~~11~~. A chimeric animal imparted with regenerated hair follicles by transplanting the composition according to any of claims 1 to 5 to a recipient animal wherein the recipient-animal is an immunosuppressed animal selected from the group consisting of a nude mouse, SCID mouse and nude rat.

~~12. The chimeric animal according to claim 11, wherein the recipient animal is an immunosuppressed animal.~~

~~13. The chimeric animal according to claim 11 or 12, wherein the recipient animal is an immunosuppressed animal selected from the group consisting of a nude mouse, SCID mouse and nude rat.~~

8~~14~~. A three-dimensional skin model imparted with regenerated hair follicles by producing a three-dimensional mouse or rat skin model containing the composition according to any of claims 2 to 5.