CLAIMS

What is claimed is:

1. A culture method of human salivary gland epithelial progenitor cells, comprising:

a) obtaining human salivary gland epithelial progenitor cells from recipient organism;

b) cell transfer into PCT Epidermal Keratinocyte Medium and cultivation in culture flasks ensuring cell adhesion at 37°C with addition of 5% CO_2 and medium change every 2-4 days until monolayer is reached;

c) cell passage at 1 :3 - 1 :5 dilution ratio, including cell removal from the culture flask surface using EDTA trypsin solution and transfer into the new culture flasks;

d) further cell culture as defined in step (b) with in-process medium change every 2-4 days and passages until monolayer is reached, wherein these passages are provided at a maximum dilution ratio of 1 :2 - 1 :3, where the first medium change after each passage shall be provided within 8-24 hours.

2. The method of claim 1 wherein cells are cultivated with addition of 5% of oxygen.

3. The method of claim 1 wherein immediately after obtaining of cells as defined in step (a) they are incubated for 6-48 hours in DMEM/F12 medium containing at least the following additives: glutamine and fetal calf serum.

4. The method of claim 1 wherein PCT Epidermal Keratinocyte Medium contains components comprising: insulin and/or transferrin and/or sodium selenite and/or epidermal growth factor.

5. The method of claim 3 wherein DMEM/F12 medium also contains components comprising: insulin and/or transferrin and/or sodium selenite and/or epidermal growth factor.