Claims

1. A culture supernatant of cells derived from one or more embryonic membranes of an avian or reptilian fertilized egg.

2. The culture supernatant according to Claim 1, wherein the one or more embryonic membranes are at least one selected from an amnion, a chorioallantoic membrane, and a yolk sac.

3. The culture supernatant according to Claim 1 or 2, wherein the fertilized egg comprises a chicken egg.

4. The culture supernatant according to any one of Claims 1-3,

wherein the one or more embryonic membranes are selected from the following combinations: 1) amnion, chorioallantoic membrane and yolk sac, 2) amnion and chorioallantoic membrane, 3) amnion and yolk sac, and 4) chorioallantoic membrane and yolk sac.

5. An animal cell growth promoter comprising, as an active ingredient, a culture supernatant according to Claim 4.

6. The animal cell growth promoter according to Claims 5 for a muscle cell, a visceral cell, or a neural cell.

7. The animal cell growth promoter according to Claims 5 or 6 for a liver cell, a pancreas cell, or an oviduct cell.

8. A animal cell culture medium comprising the animal cell growth promoter according to any one of Claims 5-7.

9. A device for culturing animal cells comprising:

a first culture vessel for culturing cells derived from embryonic membranes of an avian or reptilian egg, whereinthe embryonic membranes are selected from the following combinations: 1) amnion, chorioallantoic membrane and yolk sac, 2) amnion and chorioallantoic membrane, 3) amnion and yolk sac, or 4) chorioallantoic membrane and yolk sac;

a second culture vessel for culturing animal cells to be grown;

a first flow path for flowing a culture medium from the first culture vessel to the second

culture vessel;

a second flow path for flowing a culture medium from the second culture vessel to the first culture vessel; and

a medium-flow-rate control unit for circulating a culture medium in the order of the first culture vessel, the first flow path, the second culture vessel, and the second flow path, and controlling the flow of the culture medium in the first flow path and the second flow path depending on a condition of the animal cells and/or a condition of the culture medium.

10. The device according to Claim 9, further comprising:

a culture medium introduction path for introducing a fresh culture medium to the circulating culture medium and

a culture medium discharge path for discharging the used culture medium from the circulating culture medium, wherein

the medium-flow-rate control unit controlling the introduction of the fresh culture medium via the culture medium introduction path and the discharge of the used culture medium, via the culture medium discharge path depending on a condition of the animal cells and/or a condition of the culture medium.