

Claims

1. A food product comprising avian stem cells and at least one food component.
- 5 2. The food product according to claim 1, wherein the avian stem cells are isolated from embryo.
3. The food product according to claim 1 or 2, wherein the avian stem cells are from duck and/or chicken.
- 10 4. The food product according to any one of claims 1 to 3, wherein the avian stem cells have been obtained by a method comprising at least one step of *in vitro* culture.
5. The food product according to any one of claims 1 to 4, which does not comprise
15 animal component in addition to the avian stem cells.
6. The food product according to any one of claims 1 to 5, wherein the food component is selected from the group consisting of anti-foaming agents, emulsifiers, firming agents, gelling agents, humectants, mineral salts, stabilizers, thickeners, and
20 texturizing agent.
7. The food product according to any one of claims 1 to 6, further comprising at least one supplementary food component selected from the group consisting of vitamins, minerals, fibers, fatty acids, amino acids, flavoring agents, colorants, antioxidants,
25 sweeteners, flavor enhancers, acidifiers, preservatives, sequestrants, seasonings, sugar, prebiotics, salt, water, and antimicrobials.
8. The food product according to any one of claims 1 to 7, having organoleptic properties close to meat product's organoleptic properties, in particular of a meat
30 product selected from the group consisting of beef, buffalo, bison, calf, goat, ham, horse, kangaroo, lamb, moose, mutton, pork, bacon, rabbit, venison, chicken, duck, emu, goose, guinea fowl, ostrich, partridge, pheasant, pigeon, quail, and turkey.

9. The food product according to any one of claims 1 to 8, in a unit form of at least 15 grams, at least 25 grams, at least 50 grams, at least 70 grams, at least 80 grams, at least 90 grams, at least 100 grams.

5 **10.** The food product according to any one of claims 1 to 9, in a form selected from the group consisting of a fresh product, a dried product, a frozen product, a product which has been cooked, pickled or smoked or in a form incorporated in a processed food product, in particular a soup, a stew, a sausage, a spread, a puree, a biscuit, dried granules, tablets, capsules, powder, pasta box, pizzas, ready-to-eat meals,
10 sandwiches or nuggets.

11. The food product according to any one of claims 1 to 10, packed in a commercial packaging suitable for distribution to an end consumer.

15 **12.** The use of avian stem cells and of at least one food component for the manufacture of a food product.

13. The use according to claim 12, wherein the avian stem cells are as defined in claims 2 to 5.

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14. A method for the preparation of a food product, comprising a step of mixing avian stem cells with at least one food component.

15. The method according to claim 14, further comprising at least one previous step
25 of culturing the avian stem cells in a culture medium *in vitro*.

16. The method according to claim 14 or 15, comprising:

- at least one step of culturing avian stem cells in a culture medium *in vitro*;
- collecting the avian stem cells;
- 30 - mixing the avian stem cells with at least one food additive;
to obtain a food product.

17. The method according to any one of claims 14 to 16, wherein the culture medium does not comprise animal component, such as animal serum.

18. The method according to any one of claims 14 to 17, further comprising at least one step of processing the avian stem cells.

5 **19.** The method according to any one of claims 14 to 18, wherein the avian stem cells are as defined in claims 2 to 5.

20. A food product liable to be obtained or obtained by the method according to any of claims 14 to 19.