It is therefore necessary to develop alternative meat substitutes to meet current food issues *i.e.* a healthy and safe food product, having a nutritional profile level similar to meat products derived from animals, while having a reduced environmental footprint and avoiding the slaughter of animals.

Summary ~~of the invention~~

The present ~~invention~~ disclosure arises from the unexpected finding by the inventors that a food product obtained by at least one step of *in vitro* culture of avian stem cells provides high quality proteins.

In one aspect, the present disclosure refers to a food product comprising avian stem cells and at least one food component. Accordingly, the present ~~invention~~ disclosure relates to a food product, in particular a manufactured food product, comprising avian stem cells and at least one food component.

In another aspect, ~~T~~the present disclosure ~~invention also~~ relates to the use of avian stem cells and at least one food component for the manufacture of a food product.

In another aspect, the present disclosure refers to a method for the preparation of a food product, comprising a step of mixing avian stem cells with at least one food component. The present disclosure ~~invention~~ also relates to a method for the preparation or the manufacture of a food product, comprising a step of mixing avian stem cells with at least one food component.

In another aspect, ~~T~~the present disclosure ~~invention also~~ relates to a food product liable to be obtained, or obtained, by the method as ~~described above~~disclosed herein.

Detailed description of the invention

On a preliminary basis, we recall that as intended herein, the term "comprising" has the meaning of "including" or "containing", which means that when an object "comprises" one or several elements, other elements than those mentioned may also be included in the object. In contrast, when an object is said to "consist of" one or several elements, the object is limited to the listed elements and cannot include other elements than those mentioned.

Besides, as is intended herein the expression "cultured meat" will be considered equivalent to the expressions "synthetic meat", "clean meat", "*in vitro* meat" or "cell-based meat".

Obtention of avian stem cells

Preferably, the avian stem cells in the food product according to the invention are avian embryonic stem cells isolated from an embryo. Preferably also, the avian