CLAIMS

[Claim 1]

A composition for use in treating, preventing, or improving male infertility, comprising a koji mold fermentation product obtained by fermentation with a black koji mold and a lactic acid bacterium, wherein the koji mold fermentation product is obtained by using tea leaves as a fermentation feedstock.

~~[Claim 2]~~

~~The composition for treating, preventing, or improving male infertility according to claim 1, wherein the koji mold fermentation product is obtained by using a material derived from tea leaves or rice as a fermentation feedstock.~~

~~[Claim 3]~~

~~The composition for treating, preventing, or improving male infertility according to claim 1 or 2, wherein the koji mold is black koji mold or white koji mold.~~

~~[Claim 4]~~

~~The composition for treating, preventing, or improving male infertility according to any one of claims 1 to 3, further comprising a lactic acid bacterium.~~

[Claim 2]

The composition for use in treating, preventing, or improving male infertility according to claim 1, wherein the black koji mold is Aspergillus awamori var. kawachii or Aspergillus luchuensis.

[Claim ~~5~~ 3]

The composition for use in treating, preventing, or improving male infertility according to ~~claims 1 to 4~~ claim 1 or 2, wherein the male infertility is oligospermia or teratospermia.

[Claim ~~6~~ 4]

A food product for use in treating, preventing, or improving male infertility, comprising the composition according to any one of claims 1 to ~~4~~ 3.

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~~[Claim 7]~~

~~A method for producing a composition for treating, preventing, or improving male infertility, comprising the steps of inoculating a koji mold into a fermentation feedstock, and fermenting the fermentation feedstock with the koji mold to obtain a koji mold fermentation product.~~

[Claim ~~8~~ 5]

A method for producing a composition for use in treating, preventing, or improving male infertility, comprising the steps of inoculating a black koji mold and a lactic acid bacterium into a fermentation feedstock, and fermenting the fermentation feedstock with the black koji mold and the lactic acid bacterium to obtain a koji mold fermentation product, wherein the fermentation feedstock is tea leaves.

~~[Claim 9]~~

~~The method for producing a composition for treating, preventing, or improving male infertility according to claim 7 or 8, wherein the fermentation feedstock is a material derived from tea leaves or rice.~~

~~[Claim 10]~~

~~The method for producing a composition for treating, preventing, or improving male infertility according to any one of claims 7 to 9, wherein the koji mold is black koji mold or white koji mold.~~

[Claim 6]

The method for producing a composition for use in treating, preventing, or improving male infertility according to claim 5, wherein the black koji mold is Aspergillus awamori var. kawachii or Aspergillus luchuensis.

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