Claims

[Claim 1]

Use of a composition comprising 1×10^{10} or more viable cells of a lactic acid bacterium for producing an agent for improving early insulin secretory capacity.

[Claim 2]

The use according to claim 1, wherein the agent for improving early insulin secretory capacity is configured such that 1×10^{10} or more viable cells of a lactic acid bacterium are ingested per day.

[Claim 3]

The use according to claim 1 or 2, wherein the agent for improving early insulin secretory capacity is to be administered to a human subject having an early insulinogenic index of less than 0.4.

[Claim 4]

The use according to any one of claims 1 to 3, wherein the lactic acid bacterium is a lactic acid bacterium belonging to the genus Lactobacillus.

[Claim 5]

The use according to any one of claims 1 to 4, wherein the lactic acid bacterium is Lactobacillus casei.

[Claim 6]

The use according to any one of claims 1 to 5, wherein the lactic acid bacterium is Lactobacillus casei YIT9029.