CLAIMS

Claim 1. Non-therapeutic use of a composition for improving friendliness and/or empathy in a healthy adult,

wherein the composition comprises at least one selected from the group consisting of a long-chain polyunsaturated fatty acid having a carbon number of 20 or more and a derivative thereof,

wherein the at least one selected from the group consisting of a long-chain polyunsaturated fatty acid having a carbon number of 20 or more and a derivative thereof is the following (a), (b) and (c):

(a) at least one selected from the group consisting of arachidonic acid and a derivative thereof,

(b) at least one selected from the group consisting of docosahexaenoic acid and a derivative thereof, and

(c) at least one selected from the group consisting of eicosapentaenoic acid and a derivative thereof,

wherein a weight ratio of the total amount of (b) in terms of docosahexaenoic acid to the total amount of (a) in terms of arachidonic acid is 0.01:1 to 500:1, and a weight ratio of the total amount of (c) in terms of eicosapentaenoic acid to the total amount of (a) in terms of arachidonic acid is 0.01:1 to 500:1,

wherein the derivative of arachidonic acid is a triglyceride, a diglyceride, a monoglyceride, a phospholipid, or a glycolipid in which one or more or all of the constituent fatty acids are arachidonic acid,

the derivative of docosahexaenoic acid is a triglyceride, a diglyceride, a monoglyceride, a phospholipid, or a glycolipid in which one or more or all of the constituent fatty acids are docosahexaenoic acid, and

the derivative of eicosapentaenoic acid is a triglyceride, a diglyceride, a monoglyceride, a phospholipid, or a glycolipid in which one or more or all

of the constituent fatty acids are eicosapentaenoic acid.

Claim 2. The non-therapeutic use according to claim 1, wherein the composition is used for improving sociality by improving friendliness and/or empathy.

Claim 3. The non-therapeutic use according to claim 1 or 2,

wherein the derivative of arachidonic acid is a triglyceride in which one or more or all of the constituent fatty acids are arachidonic acid,

the derivative of docosahexaenoic acid is a triglyceride in which one or more or all of the constituent fatty acids are docosahexaenoic acid, and

the derivative of eicosapentaenoic acid is a triglyceride in which one or more or all of the constituent fatty acids are eicosapentaenoic acid.

Claim 4. The non-therapeutic use according to any one of claims 1 to 3,

wherein the composition is used in combination with an exercise.

Claim 5. The non-therapeutic use according to any one of claims 1 to 4,

wherein the composition is a food composition or a pharmaceutical composition.

Claim 6. The non-therapeutic use according to claim 5,

wherein the composition is a food composition, and the food composition is a functional food, a dietary supplement, a food for specified health uses, or a food for the elderly.

Claim 7. The non-therapeutic use according to any one of claims 1 to 6,

wherein the composition is administered to a healthy adult at a dose of 0.1 to 2 g per day in terms of the long-chain polyunsaturated fatty acid having a carbon number of 20 or more.

Claim 8. A method of improving friendliness and/or empathy, the method comprising:

administering a composition to a healthy adult,

wherein the composition comprises at least one compound selected from the group consisting of a long-chain polyunsaturated fatty acid having a carbon number of 20 or more and a derivative thereof,

wherein the at least one selected from the group consisting of a long-chain polyunsaturated fatty acid having a carbon number of 20 or more and a derivative thereof is the following (a), (b) and (c):

(a) at least one selected from the group consisting of arachidonic acid and a derivative thereof,

(b) at least one selected from the group consisting of docosahexaenoic acid and a derivative thereof, and

(c) at least one selected from the group consisting of eicosapentaenoic acid and a derivative thereof,

wherein a weight ratio of the total amount of (b) in terms of docosahexaenoic acid to the total amount of (a) in terms of arachidonic acid is 0.01:1 to 500:1, and a weight ratio of the total amount of (c) in terms of eicosapentaenoic acid to the total amount of (a) in terms of arachidonic acid is 0.01:1 to 500:1,

wherein the derivative of arachidonic acid is a triglyceride, a diglyceride, a monoglyceride, a phospholipid, or a glycolipid in which one or more or all of the constituent fatty acids are arachidonic acid,

the derivative of docosahexaenoic acid is a triglyceride, a diglyceride, a monoglyceride, a

phospholipid, or a glycolipid in which one or more or all of the constituent fatty acids are docosahexaenoic acid, and

the derivative of eicosapentaenoic acid is a triglyceride, a diglyceride, a monoglyceride, a phospholipid, or a glycolipid in which one or more or all of the constituent fatty acids are eicosapentaenoic acid.