CLAIMS

Claim 1. Use of gallic acid and a phenolic compound in the manufacture of a medicament for improving intestinal barrier function by normalizing or strengthening a tight junction in intestinal epithelial cells,

wherein the phenolic compound is at least one compound selected from the group consisting of procyanidin B1, gallocatechin, catechin gallate, epicatechin gallate, apigenin, kaempferol, rutin, corilagin, geraniin, β-glucogallin, and 2-coumaric acid.

Claim 2. The use according to claim 1,

wherein the phenolic compound is at least one compound selected from the group consisting of gallocatechin, apigenin, kaempferol, rutin, corilagin, and 2-coumaric acid.

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

wherein the phenolic compound is at least one compound selected from the group consisting of apigenin, corilagin, and 2-coumaric acid.

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

wherein the medicament is an oral composition.

Claim 5. The use according to claim 4,

wherein the oral composition is a food or beverage, a pharmaceutical product, or a quasi-pharmaceutical product.

Claim 6. The use according to any one of claims 1 to 5,

wherein the medicament is for preventing or ameliorating a condition or disease related to intestinal barrier dysfunction.

Claim 7. The use according to any one of claims 1 to 6, wherein the medicament is for intestinal regulation.

Claim 8. The use according to any one of claims 1 to 7, wherein the medicament is labeled as having an intestinal regulation action.

Claim 9. A non-therapeutic method for improving intestinal barrier function by normalizing or strengthening a tight junction in intestinal epithelial cells, the method comprising:

administering a combination of gallic acid with a phenolic compound to a subject,

wherein the phenolic compound is at least one compound selected from the group consisting of procyanidin B1, gallocatechin, catechin gallate, epicatechin gallate, apigenin, kaempferol, rutin, corilagin, geraniin, β-glucogallin, and 2-coumaric acid.

Claim 10. Non-therapeutic use of a combination of gallic acid with a phenolic compound for improving intestinal barrier function by normalizing or strengthening a tight junction in intestinal epithelial cells,

wherein the phenolic compound is at least one compound selected from the group consisting of procyanidin B1, gallocatechin, catechin gallate, epicatechin gallate, apigenin, kaempferol, rutin, corilagin, geraniin, β-glucogallin, and 2-coumaric acid.