Listing of Claims

1. Use of a nutritional composition comprising 0.05 to 0.5 mg/mL 2'-fucosyllactose (2'-FL), 0.05 to 0.5 mg/mL lacto-N-neotetraose (LNnT), or a combination of both in the manufacture of medicament for treating insufficient mucosal innate immune response to pathogens in an individual.

2. The use of claim 1, wherein treating insufficient mucosal innate immune response to pathogens comprises at least one of increased expression of innate immune receptors, increased expression of innate immune cytokines, and increased expression of innate immune defense proteins.

3. Use of a nutritional composition comprising a neutral human milk oligosaccharide in the manufacture of a medicament for treating insufficient mucosal innate immune detection of pathogens in an individual.

4. The use of claim 3, wherein treating insufficient mucosal innate immune detection of pathogens comprises increased expression of one or more of innate immune receptors and innate immune cytokines.

5. The use of any one of claims 1-4, wherein the nutritional composition is to be administered orally.

6. The use of claim 5, wherein the nutritional composition is a nutritional beverage, powder, bar, gel, or a sachet sprinkled on food or dissolved in water.

7. The use of any one of claims 1-6, wherein the nutritional composition comprises 2'-FL or LNnT, but not both.

8. The use of any one of claims 1-7, wherein the nutritional composition contains 0.05 to 0.25 mg/mL of 2'-FL.

9. The use of any one of claims 1-8, wherein the nutritional composition contains 0.25 mg/mL to 0.5 mg/mL of LNnT.