CLAIMS

What is claimed is:

1. Use of a nutritional composition in the manufacture of a medicament supporting resistance to a disease in a human, wherein the nutritional composition comprises:

a) a fat or lipid source;

b) a protein source; and

c) lactoferrin produced by a non-human source, wherein the lactoferrin has at least 48% homology with the amino acid sequence AVGEQELRKCNQWSGL at the HLf (349-364) fragment;

wherein the disease is one caused by at least one pathogen selected from the group consisting ~~Enterotoxigenic E. coli, Enteropathogenic E. coli,~~ Haemophilus influenza, ~~Shigatoxin producing E. coli, Enteroaggregative E. coli, Salmonella ser. Typhimurium, Shigella flexneri, Rotavirus, Norovirus,~~ Respiratory syncytial virus, ~~Adenovirus,~~ and combinations thereof.

2. The use according to claim 1, wherein the disease is viral respiratory tract infection.

3. The use according to claim 1, wherein the human is an infant or a child.

4. The use according to claim 1, wherein the fat or lipid source is present at a level of 3 g/100 kcal to 7 g/100 kcal and the protein source is present at a level of 1 g/100 kcal to 5 g/100 kcal.

5. The use according to claim 1, wherein the lactoferrin is present at a level of at least 10 mg/100 kcal.

6. The use according to claim 5, wherein the lactoferrin is present at a level of 70 mg/100 kcal to 220 mg/100 kcal.

7. The use according to claim 1, wherein the lactoferrin is selected from the group consisting of non-human lactoferrin, human lactoferrin produced by a genetically modified organism, and combinations thereof.

8. The use according to claim 1, wherein the nutritional composition has been subject to pasteurization conditions.

9. The use according to claim 1, wherein the nutritional composition further comprises a prebiotic composition comprising a compound selected from the group consisting of galactooligosaccharide, polydextrose, and combinations thereof.

10. The use according to claim 1, wherein the nutritional composition comprises 0.5 mg/100 kcal to 5 mg/100 kcal of iron, including iron bound to lactoferrin.