CLAIMS:

1. A nutritional formula, comprising an infant formula which comprises:

a lipid or fat;

a protein source selected from the group consisting of whey protein, casein, casein protein, nonfat milk, hydrolyzed protein and a combination of whey protein and casein~~combinations thereof~~;

one or more *Bifidobacterium* species which comprises *Bifidobacterium lactis* Bb-12; and

one or more bacterial species which comprises *Lactobacillus rhamnosus* GG.

2. The nutritional formula of Claim 1, wherein the lipid or fat is present at a level of about 3 to about 7g per 100 kcal.

3. The nutritional formula of Claims 1 or 2, wherein the protein source is present at a level of about 1 to about 5g per 100 kcal.

4. The nutritional formula of any one of the preceding Claims, wherein the respiratory infection is selected from the group consisting of upper respiratory infection, influenza, croup, respiratory syncytial virus, bronchitis, bronchiolitis and pneumonia.

5. The nutritional formula of any one of the preceding Claims, wherein the amount of the one or more ~~bacterial species which comprises~~ *Lactobacillus rhamnosus* GG and the one or more *Bifidobacterium* species administered is between 10^5 and 10^{11} cfu per day.

6. The nutritional formula of any one of Claims 1 to 4, wherein the amount of the one or more ~~bacterial species which comprises~~ *Lactobacillus rhamnosus* GG and the one or more *Bifidobacterium* species administered is between 10^6 and 10^8 cfu per day.

7. The nutritional formula of any one of the preceding Claims, wherein the ratio of the one or more *Bifidobacterium* species and the ~~one or more bacterial species which comprises~~ *Lactobacillus rhamnosus* GG is between about 5:1 and 1:5.

8. The nutritional formula of any one of Claims 1 to 6, wherein the ratio of the one or more *Bifidobacterium* species and the one or more ~~bacterial species which comprises~~ *Lactobacillus rhamnosus* GG is between about 10:1 and 1:10.

9. The nutritional formula of any one of Claims 1 to 6, wherein the ratio of the one or more *Bifidobacterium* species and the one or more ~~bacterial species which comprises~~ *Lactobacillus rhamnosus* GG is about 1:1.

10. A nutritional formula, comprising an infant formula which comprises:

a lipid or fat;

a protein source selected from the group consisting of whey protein, casein, casein protein, nonfat milk, hydrolyzed protein and a combination of whey protein and casein~~combinations thereof~~;

one or more *Bifidobacterium* species; and

one or more adherence-promoting probiotic.

11. The nutritional formula of Claim 10, wherein the lipid or fat is present at a level of about 3 to about 7g per 100 kcal.

12. The nutritional formula of Claims 10 or 11, wherein the protein source is present at a level of about 1 to about 5g per 100 kcal.

13. The nutritional formula of any one of Claims 10 to 12, wherein the respiratory infection is selected from the group consisting of upper respiratory infection, influenza, croup, respiratory syncytial virus, bronchitis, bronchiolitis and pneumonia.

14. The nutritional formula of any one of Claims 10 to 13, wherein the amount of the ~~one or more bacterial species which comprises the~~ one or more adherence-promoting probiotic and the one or more *Bifidobacterium* species administered is between 10^5 and 10^{11} cfu per day.

15. The nutritional formula of any one of Claims 10 to 13, wherein the amount of ~~the one or more bacterial species which comprises~~ the one or more adherence-promoting probiotic and the one or more *Bifidobacterium* species administered is between 10^6 and 10^8 cfu per day.

16. The nutritional formula of any one of Claims 10 to 13, wherein the ratio of the one or more *Bifidobacterium* species and the one or more adherence-promoting probiotic is between about 5:1 and 1:5.

17. The nutritional formula of any one of Claims 10 to 13, wherein the ratio of the one or more *Bifidobacterium* species and one or more adherence-promoting probiotic is between about 10:1 and 1:10.

18. The nutritional formula of any one of Claims 10 to 13, wherein the ratio of the one or more *Bifidobacterium* species and the one or more adherence-promoting probiotic is about 1:1.

19. The nutritional formula of any one of Claims 10 to 18, wherein the one or more adherence-promoting probiotic comprises *Lactobacillus rhamnosus* GG.