CLAIMS

~~What is claimed is:~~

1. A composition comprising:

a) from ~~about 0.5 units/mg~~ 0.005 mg/mL to ~~about 500 units/mg~~ 3.0 mg/mL superoxide dismutase;

b) from 70 mg/mL to 500 mg/mL ~~and a~~ soluble pre-biotic fiber selected from soluble corn fiber, inulin, Guar gum, polysaccharide fiber, galactopolysaccharides, fructo-oligosaccharides, lactulose, disgestion-resistant starch, xylo-oligosaccharides, and isolamtlo-oligosaccharides; and

c) a fruit juice;

wherein the composition is in the form of a gel.

~~2. The composition of claim 1, comprising from about 1 units/mg to about 100 units/mg superoxide dismutase.~~

~~3. The composition of claim 1, comprising from about 5 units/mg to about 50 units/mg superoxide dismutase.~~

~~4. The composition of claim 1, comprising from about 10 units/mg to about 15 units/mg superoxide dismutase.~~

~~5. The composition of claim 1, comprising about 14 units/mg superoxide dismutase.~~

~~6~~2. The composition of ~~any one of~~ claim~~s~~ 1~~-5~~, wherein the superoxide dismutase is extracted from melon, bovine liver, heterotrophic bacteria or marine phytoplankton.

~~7~~3. The composition of ~~any one of~~ claim~~s~~ 1~~-6~~, wherein the superoxide dismutase is a copper/zinc superoxide dismutase, an iron/manganese superoxide dismutase or a nickel superoxide dismutase.

~~8. The composition of any one of claims 1-5, wherein the superoxide dismutase is extracted from a plant.~~

~~9. The composition of claim 8, wherein the plant is a fruit, a grain or a tuber.~~

~~10. The composition of claim 9, wherein the plant is a fruit selected from melon, citrus fruit,~~

~~peach, pear, apple or banana.~~

~~11. The composition of claim 9, wherein the plant is a grain selected from wheat, barley, rye, millet, oat, spelt, bulger, sorghum and farro.~~

~~12. The composition of claim 9, wherein the plant is a tuber selected from horseradish, potato, yam, sweet potato, cassava or dahlia.~~

~~13~~4. The composition of ~~any one of~~ claim~~s~~ 1~~-5~~, wherein the superoxide dismutase is extracted from an animal.

~~14~~5. The composition of claim ~~13~~4, wherein the animal is a cow, pig, sheep or goat.

~~15. The composition of any one of claims 1-5, wherein the superoxide dismutase is extracted from a microorganism.~~

~~16. The composition of claim 15, wherein the microorganism is phytoplankton or bacteria.~~

~~17~~6. The composition of ~~any one of~~ claim~~s~~ 1~~ to 16~~, wherein the ratio of superoxide dismutase to soluble fiber is from ~~about~~ 1:100 to ~~about~~ 1:1000 by weight.

~~18. The composition of claim 17, wherein the ratio of superoxide dismutase to soluble fiber is from about 1:200 to about 1:800 by weight.~~

~~19. The composition of claim 17, wherein the ratio of superoxide dismutase to soluble fiber is from about 1:300 to about 1:700 by weight.~~

~~20. The composition of claim 17, wherein the ratio of superoxide dismutase to soluble fiber is from about 1:500 to about 1:700 by weight.~~

~~21. The composition of claim 17, wherein the ratio of superoxide dismutase to soluble fiber is from about 1:650 to 1:675 by weight.~~

~~22~~7. The composition of ~~any one of~~ claim~~s~~ 1~~-21~~, wherein the soluble fiber is a water soluble polysaccharide.

~~23. The composition of any one of claims 1-21, wherein the soluble fiber is isolated from~~

~~corn, wheat, barley, rye, beans, apples, pears, peaches, citrus fruits, berries, peas, rice bran or oats.~~

~~24. The composition of any one of claims 1-21, wherein the soluble fiber is selected from soluble corn fiber, inulin, dextrin, Guar gum, oligopolysaccharides, galactopolysaccharides fructo-oligosaccharides, lactulose, digestion-resistant starch, xylo-oligosaccharides and isomelto-oligossacharides.~~

~~25~~8. The composition of ~~any one of~~ claim~~s~~ 1~~-21~~, wherein the soluble fiber is soluble corn fiber.

~~26~~9. The composition of claim ~~25~~8, wherein the soluble corn fiber is digestion-resistant maltodextrin.

~~27. The composition of any one of claims 1-26, wherein the composition is in the form of a powder.~~

~~28. The composition of claim 27, wherein the composition comprises from about 0.1 ppm to about 10 ppm superoxide dismutase by weight.~~

~~29. The composition of claim 27, wherein the composition comprises from about 0.5 ppm to about 5 ppm superoxide dismutase by weight.~~

~~30. The composition of claim 27, wherein the composition comprises from about 0.7 ppm to about 2 ppm superoxide dismutase by weight.~~

~~31. The composition of claim 27, wherein the composition comprises from about 0.8 ppm to about 1.2 ppm superoxide dismutase by weight.~~

~~32. The composition of any one of claims 27-31, wherein the composition comprises from about 1% to about 90% soluble fiber by weight.~~

~~33. The composition of any one of claims 27-31, wherein the composition comprises from about 1% to about 50% soluble fiber by weight.~~

~~34. The composition of any one of claims 27-31, wherein the composition comprises from~~

~~about 5% to about 25% soluble fiber by weight.~~

~~35. The composition of any one of claims 27-31, wherein the composition comprises from about 10% to about 20% soluble fiber by weight.~~

~~36. The composition of any one of claims 27-31, wherein the composition comprises from about 12% to about 14% soluble fiber by weight.~~

~~37. The composition of any one of claims 1-26, wherein the composition is in the form of a gel.~~

~~38. The composition of any one of claims 1-26, wherein the composition is in the form of a liquid.~~

~~39. The composition of claim 37 or 38, comprising from about 0.005 mg/mL to about 3.0 mg/mL superoxide dismutase.~~

~~40. The composition of claim 37 or 38, comprising from about 0.01 mg/mL to about 2.0 mg/mL superoxide dismutase.~~

~~41. The composition of claim 37 or 38, comprising from about 0.05 mg/mL to about 1.0 mg/mL superoxide dismutase.~~

~~42. The composition of claim 37 or 38, comprising from about 0.1 mg/mL to about 0.5 mg/mL superoxide dismutase.~~

~~43. The composition of any one of claims 37-42, comprising from about 50 mg/mL to about 1000 mg/mL soluble fiber.~~

~~44. The composition of any one of claims 37-42, comprising from about 70 mg/mL to about 500 mg/mL soluble fiber.~~

~~45. The composition of any one of claims 37-42, comprising from about 90 mg/mL to about 250 mg/mL soluble fiber.~~

~~46. The composition of any one of claims 37-42, comprising from about 100 mg/mL to about~~

~~200 mg/mL soluble fiber.~~

~~47. The composition of any one of claims 37-46, comprising a fruit juice.~~

~~48~~10. The composition of claim ~~47~~1, wherein the fruit juice is pomegranate juice, Concord~~red~~ grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice, acai berry juice, blackberry juice, raspberry juice, strawberry juice, gooseberry juice, cranberry juice, orange juice, grapefruit juice, watermelon juice, beet juice, apple juice, lemon juice, lime juice, lychee juice, pineapple juice, prune juice or combinations thereof.

~~49. The composition of claim 48, wherein the fruit juice is concentrated pomegranate juice, red grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice, acai berry juice, blackberry juice, raspberry juice, strawberry juice, gooseberry juice, cranberry juice, orange juice, grapefruit juice, watermelon juice, beet juice, apple juice, lemon juice, lime juice, lychee juice, pineapple juice, prune juice or combinations thereof.~~

~~50.~~11. The composition of claim ~~49~~10, wherein the fruit juice is a concentrated fruit juice ~~has~~ having ~~about~~ 60% to ~~about~~ 97% of the water of the juice removed.

~~51. The composition of claim 49, wherein the concentrated fruit juice has about 85% to about 95% of the water of the juice removed.~~

~~52~~12. The composition of ~~any one of~~ claim~~s~~ ~~49-51~~1, wherein the composition comprises ~~from~~ about 5 mg/mL to ~~about~~ 200 mg/mL of the concentrated fruit juice.

~~53. The composition of any one of claims 49-52, wherein the composition comprises from about 75 mg/mL to about 150 mg/mL concentrated pomegranate juice.~~

~~54. The composition of any one of claims 49-53, wherein the composition comprises from about 75 mg/mL to about 150 mg/mL concentrated red grape juice.~~

~~55. The composition of any one of claims 49-54, wherein the composition comprises from about 25 mg/mL to about 100 mg/mL concentrated blueberry juice.~~

~~56. The composition of any one of claims 49-55, wherein the composition comprises from~~

~~about 20 mg/mL to about 80 mg/mL concentrated dark sweet cherry juice.~~

~~57. The composition of any one of claims 49-56, wherein the composition comprises from about 20 mg/mL to about 80 mg/mL concentrated sour cherry juice.~~

~~58. The composition of any one of claims 49-57, wherein the composition comprises from about 2 mg/mL to about 20 mg/mL concentrated goji berry juice.~~

~~59. The composition of any one of claims 49-58, wherein the composition comprises from about 2 mg/mL to about 20 mg/mL concentrated acai berry juice.~~

~~60~~13. The composition of ~~any one of~~ claim~~s 37-59~~1, further comprising aloe vera.

~~61. The composition of claim 60, wherein the aloe vera is concentrated aloe vera.~~

~~62. The composition of claim 61, wherein the concentrated aloe vera has about 60% to about 97% of the water of the aloe vera removed.~~

~~63~~14. The composition of claim ~~61 or 62~~13, wherein the aloe vera is concentrated aloe vera and wherein the composition comprises from ~~about~~ 2 mg/mL to ~~about~~ 20 mg/mL concentrated aloe vera.

~~64~~15. The composition of ~~any one of~~ claim~~s 37-63~~1, wherein the composition further comprises green tea.

~~65. The composition of claim 64, wherein the green tea is concentrated green tea.~~

~~66. The composition of claim 65, wherein the concentrated green tea is a green tea extract.~~

~~67~~16. The composition of claim ~~65 or 66~~15, wherein the green tea is concentrated green tea and wherein the composition comprises from ~~about~~ 2 mg/mL to ~~about~~ 20 mg/mL concentrated green tea.

~~68~~17. The composition of ~~any one of~~ claim~~s 37-67~~1, wherein the composition further comprises resveratrol.

~~69. The composition of claim 68, wherein the composition comprises from about 0.5 mg/mL~~

~~to about 6 mg/mL resveratrol.~~

~~70~~18. The composition of ~~any one of~~ claim~~s 37 or 39-69~~1, wherein the composition further comprises carboxymethyl cellulose.

~~71. The composition of claim 70, wherein the composition comprises from about 0.5 to about 5.0 mg/mL carboxymethyl cellulose.~~

~~72~~19. The composition of ~~any one of~~ claim~~s 37 or 39-71~~1, wherein the composition further comprises xanthan gum.

~~73. The composition of claim 72, wherein the composition comprises from about 0.5 to about 5.0 mg/mL xanthan gum.~~

~~74~~20. A composition comprising:

a) from ~~about~~ 0.005 ~~units/~~mg/mL to ~~about 100~~ 3.0 ~~units/~~mg/mL superoxide dismutase;

b) from 70 mg/mL to 500 mg/mL ~~a~~ soluble pre-biotic fiber selected from soluble corn fiber, inulin, Guar gum, polysaccharide fiber, galactopolysaccharides, fructo-oligosaccharides, lactulose, digestion-resistant starch, xylo-oligosaccharides and isomalto-oligossacharides;

and

c) at least two fruit juices selected from pomegranate juice, ~~red~~ Concord grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice and acai berry juice~~,~~

wherein the composition is in the form of a gel.

~~75. The composition of claim 74, wherein the composition comprises at least three fruit juices.~~

~~76. The composition of claim 74, wherein the composition comprises at least four fruit juices.~~

~~77. The composition of claim 74, wherein the composition comprises at least five fruit juices.~~

~~78. The composition of claim 74, wherein the composition comprises at least six fruit juices.~~

~~79. The composition of claim 74, wherein the composition comprises pomegranate juice, red~~

~~grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice and acai berry juice.~~

~~80. The composition of any one of claims 74-79, wherein the fruit juices are concentrated fruit juices.~~

~~81~~21. The composition of ~~any one of~~ claim~~s 74-80~~20, wherein the soluble fiber is soluble corn fiber.

~~82~~22. The composition of claim ~~81~~21, wherein the soluble corn fiber is digestion-resistant maltodextrin.

~~83. A composition comprising:~~

~~a) superoxide dismutase;~~

~~b) a soluble corn fiber;~~

~~c) at least two fruit juices selected from pomegranate juice, red grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice and acai berry juice;~~

~~d) aloe vera;~~

~~e) green tea; and~~

~~f) resveratrol.~~

~~84. The composition of claim 83, wherein the composition comprises at least three fruit juices.~~

~~85. The composition of claim 83, wherein the composition comprises at least four fruit juices.~~

~~86. The composition of claim 83, wherein the composition comprises at least five fruit juices.~~

~~87. The composition of claim 83, wherein the composition comprises at least six fruit juices.~~

~~88. The composition of claim 83, wherein the composition comprises pomegranate juice, red grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice and acai berry juice.~~

~~89. The composition of any one of claims 83-88, wherein the fruit juices are concentrated fruit juices.~~

~~90. The composition of any one of claims 83-89, wherein the soluble corn fiber is digestion-resistant maltodextrin.~~

~~91~~23. The composition of ~~any one of~~ claim~~s~~ ~~83-90~~20, further comprising carboxymethylcellulose.

~~92~~24. The composition of ~~any one of~~ claim~~s~~ ~~83-91~~20, further comprising xanthan gum.

~~93. A composition comprising:~~

~~a) from about 30 units to about 1000 units superoxide dismutase;~~
~~b) from about 50 mg/mL to about 200 mg/mL of a soluble corn fiber;~~
~~c) from about 5 mg/mL to about 200 mg/mL each of at least two concentrated fruit juices selected from pomegranate juice, red grape juice, blueberry juice, dark sweet cherry juice, sour cherry juice, goji berry juice and acai berry juice;~~
~~d) from about 2 mg/mL to about 20 mg/mL concentrated aloe vera;~~
~~e) from about 2 mg/mL to about 20 mg/mL concentrated green tea; and~~
~~f) from about 0.5 mg/mL to about 6 mg/mL resveratrol.~~

~~94. The composition of claim 93, wherein the soluble corn fiber is digestion-resistant maltodextrin.~~

~~95. The composition of claim 93 or 94, further comprising from about 0.5 to about 5.0 mg/mL carboxymethyl cellulose.~~

~~96. The composition of any one of claims 93-95, further comprising from about 0.5 to about 5.0 mg/mL xanthan gum.~~

~~97~~25. The composition of ~~any one of~~ claim~~s~~ 1~~-96~~, wherein the composition has an oxygen radical absorbance capacity (ORAC) of greater than 1000 µmol/g of the composition.

~~98. The composition of any one of claims 1-96, wherein the composition has an ORAC of~~

~~greater than 1500 µmol/g of the composition.~~

~~99~~26. The composition of ~~any one of~~ claim~~s~~ 1~~-96~~, wherein an ORAC value for the composition is at least 1.5 fold higher than the sum of individual ORAC values for each component of the composition.

27. The composition of claim 1, comprising from about 0.05 mg/mL to about 1.0 mg/mL superoxide dismutase.

28. The composition of claim 1, comprising from about 0.1 mg/mL to about 0.5 mg/mL superoxide dismutase.

29. The composition of claim 1, comprising from about 90 mg/mL to about 250 mg/mL soluble pre-biotic fiber.

30. The composition of claim 1, comprising from about 100 mg/mL to about 200 mg/mL soluble pre-biotic fiber.

31. The composition of claim 20, comprising from about 0.05 mg/mL to about 1.0 mg/mL superoxide dismutase.

32. The composition of claim 20, comprising from about 0.1 mg/mL to about 0.5 mg/mL superoxide dismutase.

33. The composition of claim 20, comprising from about 90 mg/mL to about 250 mg/mL soluble pre-biotic fiber.

34. The composition of claim 20, comprising from about 100 mg/mL to about 200 mg/mL soluble pre-biotic fiber.

~~100. The composition of any one of claims 1-96, wherein an ORAC value for the composition is at least 1.6 fold higher than the sum of individual ORAC values for each component of the composition.~~

~~101. A method of reducing the number of free oxygen radicals in a mammal, comprising administering to the mammal a composition of any one of claims 1-100.~~

~~102. The method of claim 101, wherein the free oxygen radicals to be reduced in number are peroxyl radicals, hydroxyl radicals, peroxynitrite, superoxide anion, singlet oxygen, hypochlorite or combinations thereof.~~

~~103. A method of reducing inflammation in a mammal, comprising administering to the mammal a composition of any one of claims 1-100.~~

~~104. A method of reducing viral symptoms in a mammal, comprising administering to the mammal a composition of any one of claims 1-100.~~

~~105. The method of any one of claims 101-104, wherein the composition is administered to the mammal once a day.~~

~~106. The method of any one of claims 101-104, wherein the composition is administered to the mammal twice a day.~~

~~107. The method of any one of claims 101-105, wherein the mammal is a human.~~