WHAT IS CLAIMED IS:

1. A use of avocado fruit (Persea americana) extract in manufacture of a health food against Flaviviridae family virus infection, wherein the extract comprises avocadenol B or (2R,4R)-1,2,4-trihydroxyhepta-16-yne.

2. The use according to claim 1, wherein the Flaviviridae family virus comprises: Dengue virus, Yellow fever virus, West Nile virus, Japanese encephalitis virus or Hepatitis C virus.

3. The use of claim 1 or 2, wherein the avocado extract has ability to inhibit production of proteins and RNAs of dengue virus.

4. The use of claim 1 or 2, wherein the avocado extract has ability to inhibit dengue virus-induced inflammatory reactions.

5. The use of claim 1 or 2, wherein the avocado extract has ability to induce production of interferon by cells infected with Dengue virus.

6. A use of avocado fruit (Persea americana) extract in manufacture of a food additive against a Flaviviridae family virus infection, wherein the extract comprises avocadenol B or (2R,4R)-1,2,4-trihydroxyhepta-16-yne.

7. The use according to claim 6, wherein the Flaviviridae family virus comprises: Dengue virus, Yellow fever virus, West Nile virus, Japanese

encephalitis virus or Hepatitis C virus.

8. A use of avocadenol B in manufacture of a medicament for the treatment or prevention of infection by Flaviviridae family virus.

9. A use of (2R,4R)-1,2,4-trihydroxyhepta-16-yne for preparation in manufacture of a medicament for treatment or prevention of infection by Flaviviridae family virus.

10. A health food that inhibits virus replication activity or viral inflammatory response of Flaviviridae family virus, comprising:

    an effective amount of avocado fruit (Persea americana) extract as an active ingredient, wherein the extract comprises avocadenol B or (2R,4R)-1,2,4-trihydroxyhepta-16-yne, and

    a pharmaceutically acceptable carrier or salts.

11. The health food according to claim 10, wherein the Flaviviridae family virus comprises: Dengue virus, Yellow fever virus, West Nile virus, Japanese encephalitis virus or Hepatitis C virus.