CLAIMS

What is claimed is:

1. A pharmaceutical composition for use in preventing or delaying the onset of hepatocellular cancer, wherein the pharmaceutical composition comprises a combination of short chain fatty acids, wherein the combination consists of acetic acid or a pharmaceutically acceptable salt thereof, propionic acid or a pharmaceutically acceptable salt thereof, and butyric acid or a pharmaceutically acceptable salt thereof.

2. The pharmaceutical composition of claim 1, wherein the pharmaceutical composition further comprises a pharmaceutically acceptable excipient.

3. The pharmaceutical composition of claim 1 or 2, wherein the pharmaceutical composition is for administration in combination with another therapeutic agent.

4. The pharmaceutical composition of claim 1-3, wherein the pharmaceutical composition is for oral administration.

5. The pharmaceutical composition of claim 4, wherein the pharmaceutical composition is for administration with food or drink.

6. A pharmaceutical composition for use in treating liver disease in a subject, the pharmaceutical composition comprises a combination of short chain fatty acids, wherein the combination consists of acetic acid or a pharmaceutically acceptable salt thereof, propionic acid or a pharmaceutically acceptable salt thereof, and butyric acid or a pharmaceutically acceptable salt thereof.

7. The pharmaceutical composition of claim 6, wherein the pharmaceutical composition further comprises a pharmaceutically acceptable excipient.

8. The pharmaceutical composition of claim 6 or 7, wherein the pharmaceutical composition is for administration in combination with another therapeutic agent.

9. The pharmaceutical composition of any one of claims 6-8, wherein the pharmaceutical composition is for oral administration.

10. The pharmaceutical composition of claim 9, wherein the pharmaceutical composition is for administration with food or drink.

11. A kit for use in preventing or delaying the onset of hepatocellular cancer, said kit containing a composition a combination of short chain fatty acids, wherein the combination consists of acetic acid or a pharmaceutically acceptable salt thereof, propionic acid or a pharmaceutically acceptable salt thereof, and butyric acid or a pharmaceutically acceptable salt thereof.

12. A kit for use in preventing or delaying the onset of liver disease, said kit containing a composition comprising a combination of short chain fatty acids, wherein the combination consists of acetic acid or a pharmaceutically acceptable salt thereof, propionic acid or a pharmaceutically acceptable salt thereof, and butyric acid or a pharmaceutically acceptable salt thereof.

13. The pharmaceutical composition of any one of claims 6-10, wherein the liver disease is liver cancer.

14. The kit of claim 12, wherein the liver disease is liver cancer.