We Claim:

1. An anti-bacterial composition consisting of a product prepared by:

a) combining pomegranate rind with water and heating at 80° C. to 150° C. to substantially denature enzymes endogenous to said pomegranate rind and

b) adding from 1% to less than 10% of hydrogen peroxide to the product obtained from part (a).

2. The anti-bacterial composition of claim 1, wherein the composition endogenously contains a component selected from the group consisting of a tannin, a lignin, a flavonoid, a hydroxycoumarin and an alkaloid.

3. The anti-bacterial composition of claim 1, wherein said composition is in a dose ranging from 20 µg to 250 µg.

4. The anti-bacterial composition of claim 1, wherein the heating in part (a) is carried out from 80° C. to 110° C.

5. The anti-bacterial composition of claim 1, wherein 1% to 2% of hydrogen peroxide is added in part (b).

6. A kit comprising a dry form of the anti-bacterial composition of any one of claims 1-5.

7. A method of treating bacteria-infected water, comprising administering to said water an effective amount of the anti-bacterial composition of any one of claims 1-5.

8. A method for producing an anti-bacterial composition, wherein the method comprises;

a) combining pomegranate rind with water and heating at 80° C. to 150 ° C. to substantially denature enzymes endogenous to said pomegranate rind and

b) adding from ~~16%~~ 1% to less than 10% of hydrogen peroxide to the product obtained from part (a).

9. The method of claim 8, wherein said heating in part (a) is carried out from 80° C. to 110° C.

10. The method of claim 8, wherein 1% to 2% of hydrogen peroxide is added in part (b).