level according to Claim 8 or 9 wherein the composition increases the expression of the CTBP2 gene.

[Claim 12] The food or beverage composition for reducing a serum resistin level according to Claim 8 or 9 wherein the composition increases the expression of the RXR-alpha gene.

[Claim 13] The food or beverage composition for reducing a serum resistin level according to one of Claims 8 to 12 wherein the chlorella is Chlorella pyrenoidosa.

~~[Claim 14] A method of reducing a serum resistin level by applying a cell wall disrupted product of a chlorella.~~

~~[Claim 15] The method according to Claim 14 wherein the method reduces the expression of the resistin gene.~~

~~[Claim 16] The method according to Claim 14 or 15 wherein the method increases the expression of the CTBP1 gene.~~

~~[Claim 17] The method according to Claim 14 or 15 wherein the method increases the expression of the CTBP2 gene.~~

~~[Claim 18] The method according to Claim 14 or 15 wherein the method increases the expression of the RXR-alpha gene.~~

~~[Claim 19] The method according to one of Claims 14 to 18 wherein the chlorella is Chlorella pyrenoidosa.~~

~~[Claim 20] The method according to one of Claims 14 to 20 wherein the method comprises applying a cell wall disrupted product of a chlorella by oral administration.~~

~~[Claim 21] A use of a cell wall disrupted product of a chlorella for reducing a serum resistin level.~~

~~[Claim 22] The use according to Claim 21 wherein the use reduces the expression of the resistin gene.~~

~~[Claim 23] The use according to Claim 21 or 22 wherein the use increases the expression of the CTBP1 gene.~~

~~[Claim 24] The use according to Claim 21 or 22 wherein the use increases the expression of the CTBP2 gene.~~

~~[Claim 25] The use according to Claim 21 or 22 wherein the use increases the expression of the RXR-alpha gene.~~

~~[Claim 26] The use according to one of Claims 21 to 25 wherein the chlorella is Chlorella pyrenoidosa.~~

~~[Claim 27] The use according to one of Claims 21 to 26 wherein the use comprises oral administration of a cell wall disrupted product of a chlorella.~~