CLAIMS

[Claim 1] A serum resistin level reducing agent comprising a cell wall disrupted product of a chlorella.

[Claim 2] The serum resistin level reducing agent according to Claim 1 wherein the agent reduces the expression of the resistin gene.

[Claim 3] The serum resistin level reducing agent according to Claim 1 or 2 wherein the agent increases the expression of the CTBP1 gene.

[Claim 4] The serum resistin level reducing agent according to Claim 1 or 2 wherein the agent increases the expression of the CTBP2 gene.

[Claim 5] The serum resistin level reducing agent according to Claim 1 or 2 wherein the agent increases the expression of the RXR-alpha gene.

[Claim 6] The serum resistin level reducing agent according to any one of Claims 1 to 5 wherein the chlorella is Chlorella pyrenoidosa.

[Claim 7] The serum resistin level reducing agent according to any one of Claims 1 to 6 wherein the agent is an agent for oral administration.

~~[Claim 8] A food or beverage composition for reducing a serum resistin level wherein the composition comprises a cell wall disrupted product of a chlorella.~~

~~[Claim 9] The food or beverage composition for reducing a serum resistin level according to Claim 8 wherein the composition reduces the expression of the resistin gene.~~

~~[Claim 10] 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 CTBP1 gene.~~

~~[Claim 11] 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 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~~