

Patents obtained from the results of Chlorella research: January 2008
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We have identified, from the results of Chlorella research, the effects of this substance on inflammatory diseases such as allergy, arteriosclerosis, and autoimmune diseases, and published them as a scientific paper (Vol. 7, No. 2 of the *Journal of Medicinal Food*, 2004).

We have already reported that two of our patents were approved in September 2007, based on these results. Additionally two more patents have recently been approved, and we wish to announce them here.

Cytokine inhibitor and B/T-cell growth inhibitor

Testing was performed to determine Chlorella's effects on excessive immune system function.

If certain drugs are added to human-derived cells in culture, they can induce an abnormal state in which immune system function is excessive. When Chlorella was added concurrently, however, the excessive immune function was inhibited. For this reason, Chlorella is expected to exhibit effects against allergy, autoimmune diseases, and other related conditions.

Patent No. 4068538



Patent No. 4068539



Please see the following for explanations on the research paper:

[“Effects of Chlorella on Activities of Protein Tyrosine Phosphatases, Matrix Metalloproteinases, Caspases, Cytokine Release, B and T Cell Proliferations, and Phorbol Ester Receptor Binding”](#)

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