

HOUTTUYNIA

MICROBIAL DEFENSE

TO RESOLVE:

- VIRAL INFECTIONS (ACUTE AND CHRONIC)
- BACTERIAL INFECTIONS (ACUTE AND CHRONIC)



PRODUCT DESCRIPTION

HOUTTUYNIA is an extract of the leaves of *Houttuynia cordata*. *Houttuynia cordata* is a Chinese medicinal herb that is found throughout Eastern Asia. It has been used traditionally to treat various types of infections, inflammation, hypertension, sinusitis, pulmonary tuberculosis, etc. Dr. James Schaller has found **HOUTTUYNIA** to be effective against *Bartonella* in vitro and in vivo and Dr. Lee Cowden has found **HOUTTUYNIA** to be effective against *Bartonella* clinically in patients who have resistant strains of *Bartonella*.

RESEARCH

Cognitive impairment is a result of dementia of diverse causes, such as cholinergic dysfunction and Alzheimer's disease (AD). Research results indicate that water extracts of *H. cordata* herb (HCW) improved cognitive impairment, due to cholinergic dysfunction, with inhibitory effects against tauopathies and cholinergic antagonists, suggesting that HCW may be an interesting candidate to investigate for the treatment of AD.

Huh, E, "Houttuynia cordata Improves Cognitive Deficits in Cholinergic Dysfunction Alzheimer's Disease-Like Models." *Biomol Ther (Seoul)*. 2014 May;22(3):176-83. doi: 10.4062/biomolther.2014.040.

The results of this study provided scientific data to support the efficient and safe use of *H. cordata* to combat severe acute respiratory syndrome (SARS).

Lau, KM, "Immunomodulatory and anti-SARS activities of *Houttuynia cordata*." *J Ethnopharmacol*. 2008 Jun 19;118(1):79-85. doi: 10.1016/j.jep.2008.03.018. Epub 2008 Mar 30.

Recently, the emergence of multidrug-resistant strains of *Salmonella* sp. has caused more serious problems in public health. *H. cordata* is stable and beneficial in the treatment of bacterial infection including intracellularly replicating pathogens and may solve antimicrobial misuse and overuse.

Kim, GS, "Biological and antibacterial activities of the natural herb *Houttuynia cordata* water extract against the intracellular bacterial pathogen *salmonella* within the RAW 264.7 macrophage." *Biol Pharm Bull*. 2008 Nov;31(11):2012-7.

Various Reported Medicinal Properties of Houttuynia:

- Antibacterial
- Antiviral
- Immunomodulation
- Antioxidant
- Anti-mutagenic

SUGGESTED DOSAGE

Put 1 to 30 drops in 4 oz. of water and wait one minute before drinking. Start with 1 drop twice daily, at least 30 minutes before meals, increasing slowly up to 30 drops twice daily.