

A long healthy history

Inflammation is associated with the most prevalent chronic diseases, including:

- Diabetes
- Obesity
- Cardiovascular disease
- Cancer
- Arthritis
- Autoimmunity
- Neurodegenerative disease

It's even associated with the aging process itself!

Used for thousands of years in both Ayurvedic and Chinese medicine, curcumin (derived from turmeric, or *Curcuma longa*, the main culinary spice used in curry), has a long history of calming the inflammation that underlies so many of today's health concerns.

Curcumin is different from other anti-inflammatory therapies; rather than performing one specific action, curcumin has a surprisingly large number of targets. The most important of these are two molecules called NF-kappaB and Nrf2.

NF-kappaB has been called the "master regulator of inflammation" because its activation underlies not only most inflammatory pathways, but abnormal cell growth as well. Curcumin has been shown to block this pathway, as well as multiple other inflammatory signals.

Nrf2 has been called the "master regulator of the anti-oxidant response." Curcumin has been shown to be a potent activator of Nrf2 – this effectively turns on many key antioxidants and detoxifying enzymes.

Theracurmin has also demonstrated the ability to induce programmed cell death in cancer cells, even those resistant to chemotherapy drugs!



The Theracurmin advantage

- Has 27 times higher bioavailability compared to standard curcumin in humans
- Has 5–10 times higher maximum plasma curcumin levels when compared to other advanced delivery forms of curcumin
- Reduces the symptoms of osteoarthritis, such as pain and stiffness in the knees, as well as the amount of additional medication needed
- Lowers levels of "bad" LDL cholesterol, a promoter of atherosclerosis
- Shown to have several anticancer actions in vitro, including including induction of programmed cell death
- Disperses evenly in water



Visit our website at bioclinicnaturals.com

Theracurmin[®]

Potent Anti-Inflammatory Ultimate Absorption



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natural solutions + clinical results

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Why Theracurmin?

Curcumin's effectiveness has always been limited by its poor absorption and bioavailability. This is why Theracurmin is so important.

Theracurmin's particle size is a 100 times smaller than standard curcumin. As a result, it is 27 times more bioavailable than standard curcumin.

Theracurmin has been shown to have a dose-dependent increase of curcumin in blood levels. This means that unlike standard curcumin formulations, as the dose goes up, the level of curcumin in the blood goes up. This allows for much higher levels of curcumin in the blood than previously attainable, at much lower dosing.



Benefits

Inflammation and gut health

- In a clinical trial with diabetic participants, curcumin was shown to improve kidney function and gut barrier integrity, both of which are linked to diabetes and obesity
- In a clinical trial for people with ulcerative colitis, those given curcumin combined with mesalamine had a 13 times greater improvement than participants given a placebo

Neurological and mental health

- Increased consumption of curcumin is linked to a lower risk of neurodegenerative diseases and to inhibiting beta-amyloid plaque formation, a key component of Alzheimer's disease
- In a clinical trial of men with depression, curcumin supplementation resulted in significant antidepressant responses, and reduced inflammation

PMS symptoms

- In a clinical trial, curcumin supplementation significantly reduced the severity of premenstrual symptoms compared to placebo

Cardiovascular and metabolic health

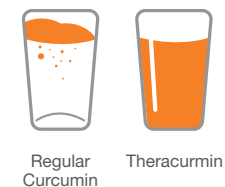
- Theracurmin supplementation, combined with exercise, in postmenopausal women lowered aortic systolic blood pressure (a measure of how hard the heart has to work) more than either therapy alone
- Among 65 study participants with metabolic syndrome who were given a placebo or curcumin supplementation showed an increase in "good" HDL cholesterol, as well as a significant decrease in triglycerides and "bad" LDL cholesterol
- A controlled trial among a 100 diabetic participants found that curcumin significantly lowered fasting glucose and HbA1c (a marker of average glucose levels), and improved insulin resistance compared to placebo

Cellular energy

- Impaired formation of cellular energy has been linked to numerous chronic diseases, including diabetes, cardiovascular disease, and neurodegenerative diseases. Curcumin has been shown to target the part of the cell that is responsible for producing energy (the mitochondria), increasing the efficiency of energy production, and the total capacity of the cell to produce energy.



WATER DISPERSION



- 🌿 Suitable for vegetarians/vegans
- 🔥 Helps relieve inflammation and pain
- ✓ Highly bioavailable