

QUINA

MICROBIAL DEFENSE

- TO RESOLVE:
- BARTONELLA
 - PROTOZOA
 - MALARIA
 - INFLAMMATION



PRODUCT DESCRIPTION

QUINA is an extract produced from the bark of *Cinchona calisaya*, a tree from South America that is found between 1,400 meters and 2,800 meters above sea level. **QUINA** has been used for centuries by native South Americans to treat a number of illnesses including malaria, cancer, fever, dysentery, typhoid, pneumonia, etc. It was one of the first South American medicinal plants to become known outside of the Americas. It was first used in Europe in the mid- 1600's and recognized by the British Pharmacopoeia in 1677. Quinine, one of the four alkaloids in **QUINA** known to have antimalarial properties, has been used to produce medicines to treat malaria for nearly 200 years. Malaria strains have mutated rendering these drugs far less effective causing researchers to re-evaluate the medicinal properties of whole plant extracts of Cinchona species such as **QUINA**.

QUINA is utilized by some health care professionals in the U.S. as an important component of a Lyme disease protocol. It has been found to be very effective in treating *Borrelia burgdorferi*, the bacteria that causes Lyme disease, *Babesia* and many of the coinfections that are usually associated with this condition.

RESEARCH

The demonstration of this product as an anti-inflammatory is important due to its potential as a new, plant-based medication, with its associated low toxicity. **QUINA** was demonstrated to have an anti-inflammatory effect similar to indomethacin and can be used to address inflammation from inflammatory agents such as carrageenan, as observed in animal testing and as appears in specialized literature.

Allende, S, "Establishment of the potential anti-inflammatory effect of the product known as **QUINA**, originating from NutraMedix Laboratories, LLC, Florida." Universidad de Guayaquil Dept. of Chemical Sciences, Guayaquil, Ecuador 07/26/05

PATIENT REPORTS

"I take this for babesiosis, and it is very effective. I respond better to it than the anti-malarials such as Mepron, Atavaquone. Not as hard on my system, either. Started with one drop twice a day and worked up to ten. I have never taken more than ten drops twice a day (although you can). You put it in water, wait one minute, then drink. I haven't suffered any side effects from **QUINA** and never had a severe herx reaction from it, either."

-S.A.

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.

Various Reported Medicinal Properties of Quina:

- Antiarrhythmic
- Antipyretic
- Antispasmodic
- Antifungal
- Antiparasitic
- Antibacterial
- Amebicide
- Analgesic
- Astringent
- Digestive
- Febrifuge
- Nervine
- Neurasthenic