



QUAIL EGG

AN AMAZING STORY

by SniZtop®

HISTORY

Quails are mid-sized birds from the Phasianidae family found in Europe, North Africa, United States and some parts of Asia. Quail eggs are notably smaller than duck and chicken eggs but have a nutritional value four times higher than the latter and present superior protein quality. They are traditionally consumed in Japanese diets and nowadays, quail eggs are gaining popularity in the rest of the world because of their fine taste and unique color and mottles and are favoured by consumers especially during festive periods.

The Ancient Chinese were among the first to discover the health benefits of quail eggs which have long been used as a remedy against asthma. Centuries later, in the early 1970s, a French doctor named J.C. Truffier observed that farmers raising a particular sub-species of Japanese quail presented fewer allergy symptoms than the general population in the same area. One quail farmer saw the gradual disappearance of existing asthma and constant, allergy-related shortness of breath in his spouse and then that of his employees with the consumption of quail eggs. Another quail farmer who experimented successfully with this treatment on his own family and friends confirmed this observation.

To determine whether quail egg consumption was causing this improvement in the health of allergy sufferers, Dr. Truffier who at that time was supervising over 200 allergy specialists, instructed his allergic patients to begin eating quail eggs. The empiric treatment consisted in ingesting 6 raw eggs in the morning on an empty stomach during 9 days, to discontinue the intake for 9 other days, and to repeat such protocol one more time. The eggs could be mixed with salt and pepper, milk or flavoured according to taste but alcohol was prohibited as well as hot drinks or foods for a couple of hours after intake.





After an exacerbation of the baseline symptoms during the first days of therapy, a gradual diminution of clinical signs was observed even leading to a complete disappearance in some patients.

Despite bringing such clinical benefits, the treatment was not free from drawbacks including weight gain, hypercholesterolemia, digestive problems and nausea.

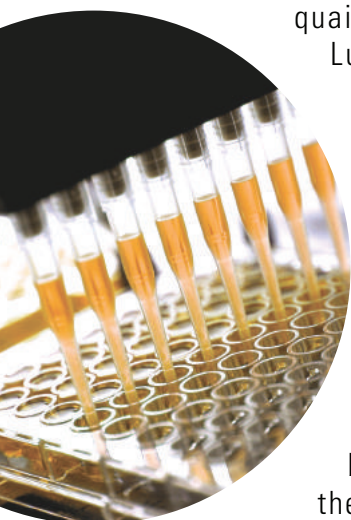
Galenic formulations overcoming these inconveniences were therefore sought and a homeopathic product made of quail egg homogenate has first been developed in the late 80's.

Subsequently investigations in several human clinical trials were carried out by a larger group of physicians under the direction of a highly respected French allergist, physician Dr. G. Bruttman.

Between 1982 and 1990, five randomized, double-blind, placebo-controlled clinical studies were conducted on 690 patients including children (mean age 9 year-old) diagnosed with asthma or allergic rhinitis related to dust mites and pollen. The initial positive findings were confirmed but unfortunately, these historical researches have never been published.

THE QUAIL EGG BIOACTIVE DISCOVERED!

It is in France again that the bioactives responsible for the anti-allergic properties of the quail eggs have been discovered and isolated for the first time. In 1977, Pr. Gérard Lucotte, Biochemist and Doctor in Genetics internationally recognized for his researches on quails has patented the use of a purified ovomucoid fraction for the medicinal treatment of various types of allergies.



Ovomucoids are specific glycoproteins presenting inhibitory properties against the trypsin-like structures found in most of the airborne allergens. When getting into contact with allergens, ovomucoids form a mechanical barrier and prevent their signalling molecules from initiating and compounding the physiological cascade of events that leads to a full-blown allergic response. Unlike popular OTC drugs that block the activity of histamine after it has been released during an allergic attack, the ovomucoids act upstream of the allergic cascade by blocking allergens before they can activate the immune cells and therefore prevent the release of factors that negatively impact respiratory and ocular wellness.

OFFERS ALL QUAIL EGG BENEFITS INTO A READY-TO-USE FORM

Thirty years after these preliminary scientific researches, **Stragen Pharma, a Swiss pharmaceutical company specialized in the development of highly innovative food supplements**, has conducted further *in vitro* studies to precisely demonstrate the ovomucoid mode of action on allergy mechanisms. A proprietary manufacturing process has then been developed to stabilize and concentrate the quail egg bioactives into a standardized and well-characterized tablet form complying with GMP standards.

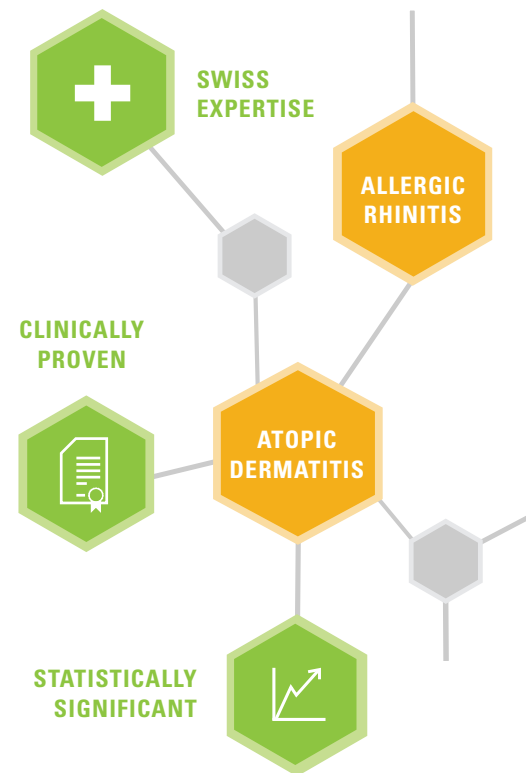
THE NEXT-GENERATION OF NATURAL HISTAMINE BLOCKER IS BORN!

SniZtop® ovomucoids bioactives are derived from a specific sub-species of Japanese quail raised in France in a fully controlled environment and fed with a proprietary, scientifically-formulated diet under strict guidelines in which no antibiotics, hormones, or pharmaceuticals are used.

In 2014, SniZtop® has been proven in a randomized, double-blind, placebo-controlled clinical study to significantly relieve allergy symptoms such as nasal congestion, watery eyes and itchy nose as quickly as 15 minutes after product intake. SniZtop® is efficient on all types of allergens, whether they are coming from pollens, pet dander or dust mites and can be taken all year-round at the onset of allergy symptoms to reduce their severity.

The healing properties of SniZtop® have not finished drawing scientific attention as a new clinical study has recently been conducted on 280 patients in collaboration with Pr. Kaszuba from the Polish Dermatology Society to prove the beneficial properties of SniZtop® on atopic dermatitis. Impressive results were obtained on this condition with a significant reduction of the itching sensation in 80% of patients within the first 4 weeks of treatment. The severity of eczema as well as the affected area were also considerably improved, and even more so in children.

Because SniZtop® is a natural-based product, it does not cause drowsiness and can be safely used all year-round by both adults and children. SniZtop® chewable tablets are easy to take, wherever you are and without water!



Approche thérapeutique de la maladie allergique par ingestion d'oeufs de caille. « La Clinique », Truffier J.C. 1978.

L'asthme et l'oeuf de caille : Le principe actif découvert. « Impact Medecin », Guillery JM. 1980.

Compositions comprising ovomucoid fraction of white of quail's egg. « United States Patent », Truffier et al. 1978

Inhibitory effect of the Japanese quail's egg ovomucoid on the trypsin and humane elastase activity. « La Medicina Biologica », Vergnaud S. et al. 2007

A proprietary blend of quail egg for the attenuation of nasal provocation with a standardized allergenic challenge: a randomized, double-blind, placebo-controlled study. « Food Science & Nutrition », Benichou AC. et al. 2014