INTEGRATIVE THERAPEUTICS®

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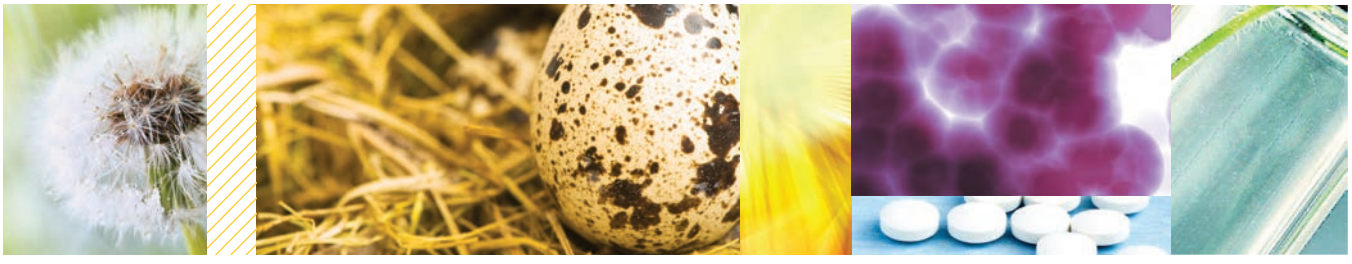
ALLQLEAR™

FAST-ACTING SEASONAL SUPPORT

Mast cell stabilization is a part of normal homeostasis. AllQlear fast-acting seasonal support is a proprietary blend of quail egg which contains ovomucoids that act as a tryptase inhibitor, which block the binding of tryptase (and other trypsin homologs) that provide a unique mechanism to support healthy stabilization of mast cells.* Alpha-Glycosyl Isoquercitrin (AGI) provides the benefits of the flavonoid quercetin with better absorption and superior bioavailability. Flavonoids are known to exert stabilizing effects on mast cells.*[1,2]

- Multi-mechanistic combination featuring AGI, a rapidly absorbed form of quercetin
- Supports healthy mast cell stabilization and eye comfort*
- For seasonal and year-round use
- Berry flavored chewable tablets

wheat free | GF gluten free | corn free | soy free | dairy free



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ALLQLEAR™

Background

In 1967, Dr. J.C. Truffier observed that farmers (as well as the families of those farmers) who raised quails (*Coturnix coturnix*) had experienced support of healthy lung and upper respiratory function.* At the time, Dr. Truffier was supervising over 200 medical specialists, and recommended quail egg preparations for support of lung and upper respiratory function.* He gave raw quail eggs to his patients, including both adults and children, and observed improvements.*[1]

This finding was subsequently investigated in several human clinical trials carried out by a larger group of physicians under the direction of a highly respected French physician Dr. G. Bruttmann. More than 1000 cases were subsequently monitored by specialists, pediatricians and primary care physicians, some in a double-blind, placebo-controlled manner. Support of healthy respiratory function was observed in these early clinical studies.*[2]

Mechanism of Action

In vitro testing has identified the main bioactives in quail egg and the corresponding mechanism of action. These studies suggest that protein fractions contained in the quail egg, specifically ovomucoids and ovoinhibitors, are the primary constituents active upon respiratory function, acting as serine protease inhibitors.*[3–9]

The human respiratory system routinely encounters protease enzymes called tryptases that can influence the mediation of immune responses.[10] By inhibiting tryptase, quail egg bioactives help support a balanced immune response.* A significant body of research has found that glycoprotein bioactives (i.e. quail egg ovomucoids) act as tryptase inhibitors, which block the binding of tryptase (and other trypsin homologs) to protease-activated receptor 2 (PAR2) receptors.* This helps modulate the physiological response, since binding of tryptase to PAR2 receptors on immune cells and neurons affects lung and upper respiratory function. Because tryptase inhibition occurs primarily after the immune response has been initiated, this is considered a downstream mechanism.

Tryptase inhibitors also act upstream of the immune response to tryptase.* Research has demonstrated that tryptase inhibitors help stabilize mast cells.*[11] By supporting mast cell integrity, tryptase inhibition helps support respiratory wellness, as has been demonstrated in animal studies.*[12,13] These dual mechanisms (inhibition of tryptase binding to PAR2 receptors and stabilization of mast cells) provide a more comprehensive approach to respiratory wellness than what is offered by other supplements.*

AllQlear includes alpha-glycosyl isoquercitrin, a bioavailable form of quercetin which is a flavonoid known to exert stabilizing effects on mast cells and thus support immune function.* Researchers investigated the effects of alpha-glycosyl isoquercitrin on immune response in two similarly designed double-blind studies.[14,15] In both studies, subjects took 100 mg alpha-glycosyl isoquercitrin or a placebo for 8 weeks. Subjective measures, activity (ADL) scores and the usage of drugs were recorded daily. Quality of life (QOL) scores were obtained every 4 weeks. In both studies, intake of alpha-glycosyl isoquercitrin proved to be effective for support of ocular comfort.* Nasal airflow was unchanged.

Additional alpha-glycosyl isoquercitrin can be used in combination with AllQlear.

Supplement Facts

Serving Size 2 chewable tablets
Servings per container 30

Amount per 2 chewable tablets		%DV
Total Carbohydrate	1 g	<1%†
Quail egg powder proprietary blend	84 mg	**
Alpha-glycosyl isoquercitrin	20 mg	**

†Percent Daily Values (DV) are based on a 2,000 calorie diet.
**Daily Value not established.

Other ingredients: Xylitol, inulin, stearic acid, natural flavors, silicon dioxide, luo han guo, malic acid.

This product contains eggs.

Recommendations: Take 2 tablets once or twice daily between meals for seasonal use. May repeat as needed. Do not exceed 10 tablets per day. For best results, chew tablets slowly and allow to dissolve in the mouth prior to swallowing, or as recommended by your healthcare professional.

CAUTION: If pregnant, nursing, or taking prescription drugs, consult your healthcare professional prior to use.

Contains No: Sugar, salt, yeast, wheat, gluten, soy, dairy products, artificial colors, flavors or preservatives.

Integrative Therapeutics 60 CT - 10710

Clinical Efficacy of Quail Egg Preparation

Case studies from physicians in Europe[1,2] and a randomized, double-blind, placebo-controlled clinical trial conducted in the U.S.[16] has documented the efficacy of this proprietary quail egg preparation.* For more information, see http://www.ncbi.nlm.nih.gov/pmc/articles.

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