







Formulated immune support

Eagle® ImmunoAdapt*

ImmunoAdapt is formulated to boost immune function and to fight illness. With traditional Ayurvedic herbs to enhance energy levels and recovery from convalescence.

-  Comprehensive vegan-friendly formula combining herbs and medicinal mushrooms designed to provide a 2 in 1 solution.
-  Provides premium quality Echinacea and Astragalus, as well as standardised Withania to ensure dosing consistency.
-  Potent, immune enhancing Reishi and Shiitake mushrooms, indicated in TCM to promote recovery and vitality.
-  Suitable for both adults and children over 6 years.



* Previously
**Echinacea
Royale**

FOR PROFESSIONAL USE ONLY

Formula Focus



Each tablet contains:

Withania somnifera (Withania) extract derived from dry root	75 mg
equiv. withanolides (of Withania somnifera)	750 mg
	1.88 mg
Echinacea purpurea (Echinacea) extract derived from dry root	1 mL
	500 mg
Astragalus membranaceus (Astragalus) extract derived from dry root	100 mg
	500 mg
Lentinula edodes (Shiitake) extract derived from dry fruiting body (mushroom)	93.75 mg
	375 mg
Ganoderma lucidum (Reishi) extract derived from dry fruiting body (mushroom)	37.5 mg
	375 mg

Vegan

No added Dairy

No added Gluten

Dosage

Adults: Take 2 tablets twice daily or as prescribed by your healthcare practitioner.

Children: 6 -10 years 1 tablet per day;
11-13 years 1 tablet twice daily; 14-18 years 1 tablet 3 times daily or as prescribed by your healthcare practitioner.

Pack size

90 tablets

Warnings

- Not to be used in children under two years of age without medical advice.
- If symptoms persist consult your healthcare practitioner.

Eagle
PROFESSIONAL NATURAL MEDICINE

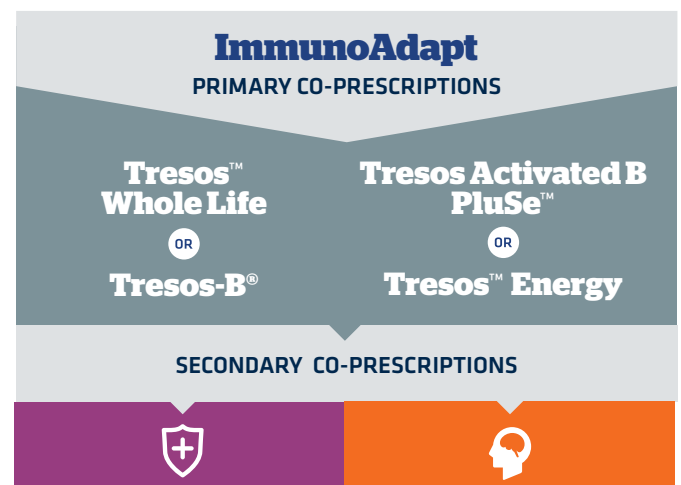
Patients who may benefit from ImmunoAdapt include those with:

- Suboptimal immune function
- Exposure to environmental toxins
- Occupations that include shift work
- Recurrent mild respiratory infections
- Slow recovery following immune dysfunction
- Convalescence
- Advancing age and related fatigue and debility
- Suboptimal respiratory health associated with mucous congestion, phlegm, coughing
- Symptoms of sleeplessness, forgetfulness, fatigue and poor appetite associated with low energy
- Conditions characterised by increased oxidative stress

Indications

- Shiitake mushroom helps stimulate a healthy immune system response.
- Helps enhance and support healthy immune function.
- Reishi mushroom is used in Traditional Chinese Medicine (TCM) as a tonic for convalescence.
- Withania is traditionally used in Ayurveda to relieve general debility, and in TCM to combat fatigue, especially during convalescence or in elderly individuals.
- Helps reduce free radical activity and assists in oxidative stress conditions.
- Reish mushroom is used in TCM to strengthen and restore the body's vital energy.
- Reishi mushroom is used in TCM for sleeplessness, forgetfulness, fatigue, listlessness and poor appetite; conditions related to lack of vital energy.
- Withania is used traditionally in Ayurvedic medicine as a rejuvenating tonic to support overall health.

Building effective treatment strategies through companion therapies



Immune Health

Beta A-C® Powder or Tablets
Zinc Zenith Plus
Vitamin D3 1000IU
Spray or Capsules
Defence Support
Elderberry Viral Protect

Brain and Nervous System Health

Adreno Restore Plus
Acu-Mind
Lavandula Calm
Omega Vital Pure Omega-3
Concentrate Capsules
Mag Restore



Evidence Summary



Suboptimal immune function and associated fatigue are amongst the leading causes of poor health in Australia.¹



Suboptimal immunity refers to an under-active or poor performing immune system.²

Common clinical presentations include:



1. Recurrent infections



2. Slow and incomplete recovery from infections



3. Fatigue and low energy



3. General feeling "run down"

Whilst it commonly occurs during and following acute infection, prolonged activation (>6 months) of immune and associated inflammatory pathways may lead to a prolonged state of fatigue, low energy and debility.³

Recurrent infections and a compromised immune system



where impaired immunity increases susceptibility to infections, and infection impairs immune function.²

Simplify your dispensary with a 2-in-1 herbal solution to concurrently address immune dysfunction, associated fatigue, inflammation and modulate oxidative stress pathways.

1

High quality Shiitake and Reishi mushroom

Reishi and Shiitake have been traditionally used in Chinese medicine to assist with recovery from illness and relieve associated fatigue. They are known for their beneficial immunomodulating activity and are thought to enhance both humoral and cellular immune responses in the adaptive immune system.

2

Standardised Withania

Withania is an adaptogen and contains multiple active constituents including withanolides which are known to tonify, restore vitality and relieve fatigue in traditional Ayurvedic medicine.

3

Balancing immune herbs

Herbal support with Astragalus, as well as Echinacea, to regulate immune function according to the needs of the body.

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A competitive edge for ImmunoAdapt with immune stimulating mushrooms

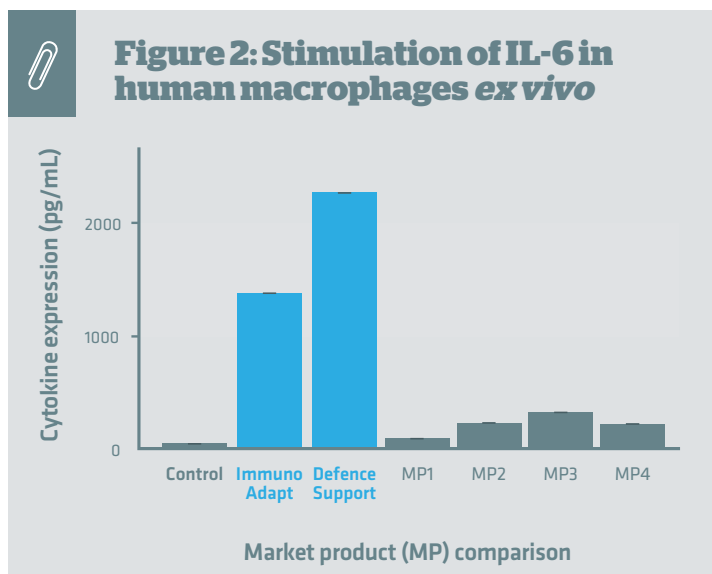


Mushrooms exert their immune modulating properties through a variety of molecular mechanisms, one of which is via the increased expression of cytokines.⁴

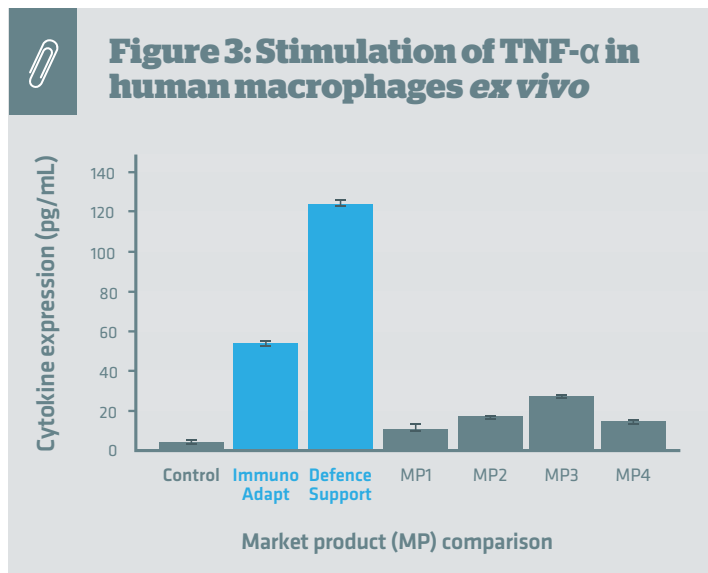
The primary function of cytokines is to regulate inflammation and as such, they play a vital role in regulating the immune response.⁵ Whilst cytokines such as tumor necrosis factor (TNF) and interleukin-6 (IL-6) are often thought of as being primarily pro-inflammatory, they also play an essential beneficial role in a variety of physiological functions, including immunity.⁶

Figures 2 and 3 show a comparison of different medicinal mushroom products (with a combination of mushrooms species) on the expression of cytokines IL-6 and TNF in non-stimulated (non-inflamed) human macrophages. In this model, increased cytokine production represents an immune-stimulatory effect.

Note: The Eagle formulas (in light blue) contain ingredients in addition to mushrooms and these additional constituents may also be influencing cytokine expression.



IL-6 can be secreted by a range of different cell types, including T-cells, B-cells, macrophages and microglia. IL-6 exerts its cellular effects through two distinct pathways, one of which is considered an anti-inflammatory pathway, involving the membrane-bound IL-6 receptor (IL-6R) expressed on selective cells in a process known as classical signalling that is also critical for bacterial defence.⁶



TNF is primarily produced by macrophages during acute immune reactions to kill invading foreign organisms or mutated self-cells.

Researchers now appreciate the anti-inflammatory role of TNF, with recent advancements clearly demonstrating key roles for TNF in immune surveillance by activating and increasing the number of regulatory T cells, the central player in the negative feedback loop to suppress inflammation.

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