













The function of the immune system is to protect the body from foreign organisms such as bacteria, viruses, fungi, etc.

Immune shiitake enhances immune functions by increasing numbers of several key types of cells and molecules including<sup>1</sup>:

- Cytokines
- Natural killer (NK) cells
- Macrophages
- Dendritic cells

The most studied of the shiitake beta-glucans, lentinan, impacts on the immune system mediated by a number of fungal polysaccharide specific receptors on the surface of several classes of immune cells<sup>2</sup>.

# Safety of Immune shiitake®

- Cholesterol free
- Fat free
- low in calories
- rich in fibers

Suitable for the elderly and those who have recovered from long-term illnesses.

• safe for patients with diabetes, hyperlipidemia and arteriosclerosis

## Immune shiitake® is excellent sources of 3:

- Beta glucans (Lentinan is the most important beta glucans isolated from shiitake mushroom).
- Minerals such as Iron, Zink, Potassium, Calcium and Magnesium
- Vitamins such as B1, B2, B3, B5, B6, B9, C and D
- Fatty acids such as Linoleic acid, Linolenic acid and Oleic acid
- Proteins
- Eritadenine
- Enzymes (Digestive and antioxidant)

# Bioactive compounds in immune shiitake® have different Pharmacological actions

- Strengthen natural immune responses
- Act as powerful aids in frightening viruses and infections
- Lower cholesterol level
- Promote heart health
- Act as prebiotics
- Improve gut health
- Improve metabolic health
- · Reduce risk of cancer

#### References:

- 1) Journal of the American College of Nutrition, 2015, 34 (6), 1-10
- 2) Journal of Clinical Biochemistry and Nutrition, 2013, 52 (3), 202-207
- 3) Food and Nutrition Sciences, 2014, 5, 1095-1105

## Recommended dosage and duration of use

- For health problems use 2 capsules per day.
- This product can be used in lower doses (1 capsule per day) for prevention and maintenance of remission by people who are exposed to different pathogens or get rid of diseases.
- It is recommended for 5 days a week and then skipping 2 days.
- Continuous use is safe for up to 6 months.
- It can be used since the age of 15.



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