

Immune Senescence Protection Formula Overview and Details

Think of your immune cells as bouncers at a night club. They control who gets in, who gets kicked out and who can't enter ever again. But over time, our immune system begins to decline, a process called immune senescence. This makes it harder for immune cells to do their job. So we developed an innovative formula to help combat immune senescence.

Immune cells are like security guards. They say who's in, who's out and who's banned. However, our immune system declines over time.

Immune Senescence Protection Formula™ Benefits

- Inhibits immune senescence by supporting an already-healthy ratio of naïve-to-memory T cells
- Promotes youthful immune response by stimulating immune cell development & activity
- Encourages the body's first line of defense by promoting natural killer (NK) cell response
- Supports bone marrow health & longevity



What is pu-erh tea?

Pu-erh tea is made from the same plant as black and green tea and is rich in polyphenols and other bioactive molecules that support immune health.



Why did we add reishi mushroom extract?

Reishi mushroom contains compounds that boost immune cell function and other immune factors that serve as your body's first line of defense.

Know your immune cells

The three ingredients in this formula focus on encouraging the healthy function of three types of immune cells: naïve T cells, memory T cells and natural killer (NK) cells. Naïve T cells attack new invaders. Memory T cells attack previously known invaders. And NK cells function as your

body's first responders. Cistanche, reishi mushroom and pu-erh tea extracts support them in different ways.

11.7% increase in NK cell activity and a 20.2% improvement in the ratio of CD4 to CD8 cells, an indicator of youthful, healthy immune response. ⁷

Reishi mushroom inhibits immune senescence

Pre-clinical research indicates that reishi mushrooms may help inhibit the factors of immune senescence and promote longevity.^{8,9} This species is packed with polysaccharides, triterpenes and other compounds that boost the function of hematopoietic stem cells, T cells and immune factors that serve as your body's defense, thus inhibiting immune senescence. ^{8,10}

Pu-erh tea extract supports immune balance

Pu-erh tea is made from the same plant as black and green tea. But this kind of tea is a little different: it's rich in polyphenols and other bioactive molecules that support immune health.

In a pre-clinical study, pu-erh extract produced a 7% increase in NK cells and a 10% increase in naïve T cells. In the same study, pu-erh tea extract promoted healthy bone marrow function, which helps rebuild peripheral immune cell components.¹¹