

The immune system is commonly assumed to respond to pathogens such as bacteria and viruses.

Nowadays, it also has to interfere with environmental factors, like air pollution, chemicals, pollen, UV light, mental stress, and foods allergies.

The consequence is an over-stimulation of the immune system, triggering inflammation and allergies or even autoimmunity.

Knowing a risk factor is around like fine particle pollution or currently "Covid19", causes fear and mental stress, leading to an extra challenge faced by the immune system. This means the body does not only counteract directly to the pathogen, but also needs to buffer elevated stress symptoms like anxiety, GI discomfort, bronchial cough or cramps. The immune system can be supported by natural exposure levels to bacteria, healthy lifestyle or a healthy diet.

Special case: Corona - the immune system & inflammation:

Panel 1: Hi, I am Virus SarsCoV2. My nickname is "Corona", because my spike proteins look like a crown. I am only 140 nm big, and you can easily inhale me.

Panel 2: In the throat I collaborate with the ACE2 receptor, who accompanies me into your cells.

Panel 3: Here, I take over control of your cells and instruct them to produce millions of multiples of myself. Finally, we are everywhere in your body.

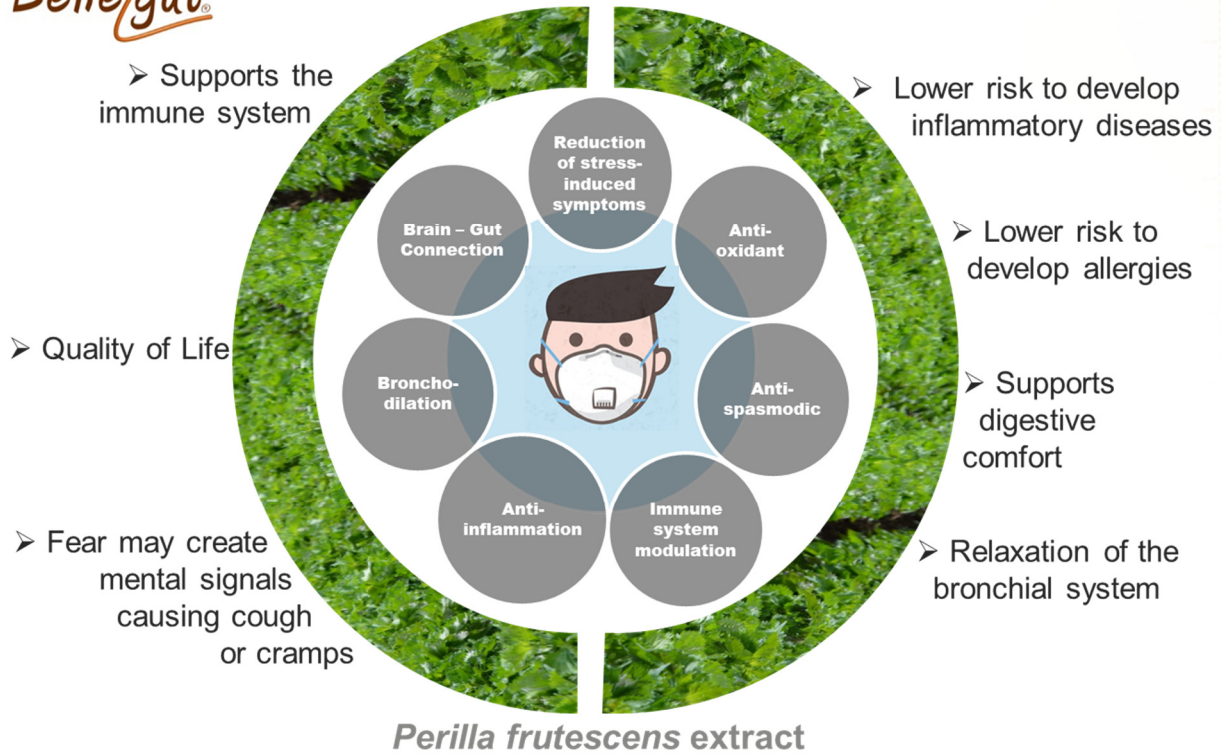
Panel 4: Now, the immune system is on alert: First macrophages recognize and try to eat us. They are easily exhausted, which you may feel as fiber. They release cytokines to call colleagues, like natural killer cells for support. This is not good for both of us, as it destroys us and triggers inflammation causing diseases, which may also kill you.

Panel 5: There is natural support for your immune system to avoid overstimulation and also to help you with inflammation.

Panel 6: Vital Solutions. Bene/gut.

Vital Solutions offers Bene/gut®, a science-based branded ingredient, which supports the body when pathogens bring your immune system out of balance.

Bene/gut®



Bene/gut®

- Bene/gut® is an innovative Shiso extract. Results of several scientific studies have demonstrated that Bene/gut® significantly balances the immune system, reduces inflammation and supports GI comfort
- If the physiological defense system is out of balance, a risk to develop an autoimmune diseases is rising. Any misbalance can be caused by environmental stressors, like small particles, pollen or also by a virus. Bene/gut® has a balancing effect on the immune response between Th1 (cellular) & Th2 (humoral) immunity, preventing and equalizing diseases linked to a hyperactive immune system and chronic inflammation
- Furthermore, it inhibits the pro-inflammatory cytokine TNFα
- Bene/gut® supports relaxation of smooth muscle cells in the bronchial system as well as in the gastrointestinal tract
- Bene/gut® may lower the risk to develop inflammatory diseases like e.g. rhinitis, IBD, myocarditis, CVD, lung inflammation, COPD