

focus

The inclusive protection



Immune modulation

The inclusive protection combines the power of reducing the viral load with the effectiveness of preventing severe inflammatory response.

1. Natural Killer Cells

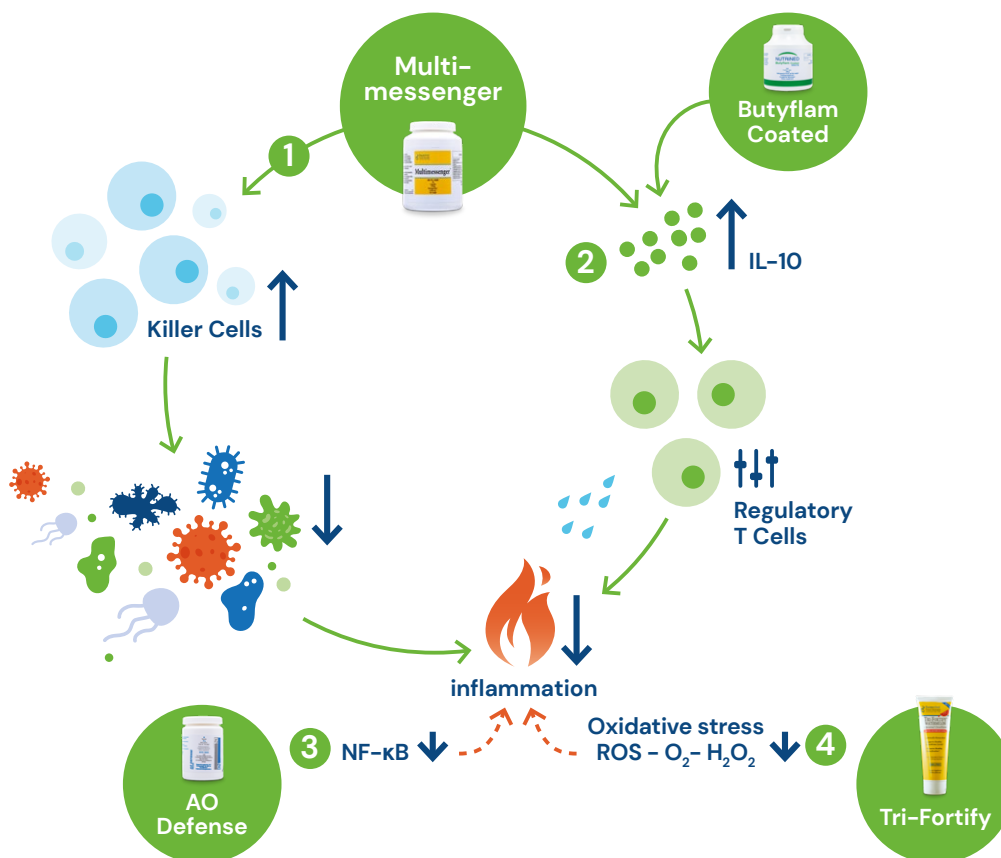
Multimessenger (= standardized and researched composition of Transfer Factors) activates Natural Killer Cells, our first line of defense against dangerous pathogens like viruses.

2. Empowering Regulatory T Cells

Multimessenger and **Butyflam coated** (= Coated Butyrate) increase IL-10, which directly empowers **Regulatory T Cells**, generated in our intestines – crossing mucosal membranes and Blood-brain barrier. Regulatory T Cells need to **prevent excessive immune reactions and inflammation**. If Regulatory T Cells are not sufficiently expressed, every flow of communication in our immune system can turn into a storm of cytokines. This excessive inflammation (storm of cytokines) is extremely damaging. It is the major threat during a severe infection.

3 & 4. Tackle the fuel of inflammation

Oxidative stress and NF-κB fuel the fire of inflammation. **Tri-Fortify** (liposomal Glutathione) neutralizes oxidative stress. **AO Defense** (EGCG & trans-resveratrol) both suppress activation NF-κB and oxidative stress.



What to prescribe

The entire inclusive protection
Combine the following products for optimal results



R/ Multi-messenger
1 x 3 caps
just before breakfast



R/ Butyflam Coated
3 x 1-2 caps
20 minutes before meals



R/ AO Defense
2 x 1 caps/day



R/ Tri-Fortify watermelon or orange
1 teaspoon/day
separated from meals

Post Viral fatigue



ATP 360
1 x 3 caps during breakfast

You can find the product sheets on the following pages.
Scientific references on demand on our website.

Multimessenger™

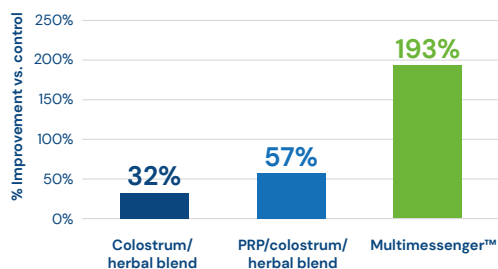


| | | |
|------------------------------------|---|--------|
| indication | Natural Killer Cell support Supports T reg | |
| dosage | 3 caps per day just before breakfast (acute: 2 x 3) Children aged 6 m – 2 yr: 1 capsule per day Children aged 2 yr – 6 yr: 2 capsules per day +6 years: 3 capsules per day | |
| packaging | 90 caps per container | |
| composition (amount per 3 caps) | Colostrum (Transfer Factors – pure amino acid sequences) | 500 mg |
| | West american Larch (<i>Larix occidentalis</i>) | 333 mg |
| | Inositol | 200 mg |
| | Beta Glucan | 200 mg |
| | Green tea (<i>Camelia sinensis</i>) | 200 mg |
| | Pomegranate tree (<i>Punica granatum</i>) | 200 mg |
| | Astragale (<i>Astragalus membranaceus</i>) | 70 mg |
| | Shiitake (<i>Lentinula edodes</i>) | 25 mg |
| | Dancing mushroom = Maitake (<i>Grifola frondosa</i>) | 25 mg |
| | Zinc (as zinc citrate) | 15 mg |
| | Selenium (as L-Selenomethionine) | 70 µg |

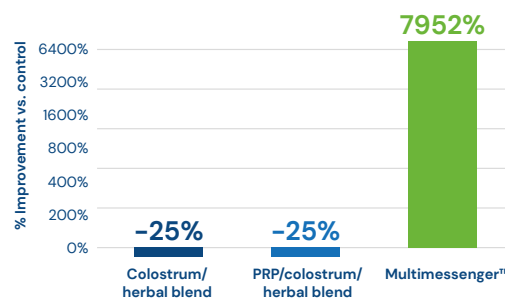
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Natural Killer Cell activation*

Innate immune system activation



Immune modulation IL-10**



* % improvement in Mean Fluorescent Intensity for CD 69 Receptor on Natural Killer Cells. (CD69 is highly correlated with NK cell activity)
** % improvement in Mean Fluorescent Intensity for IL-10 on Peripheral Blood Mononuclear Cell Cultures (PBMC)

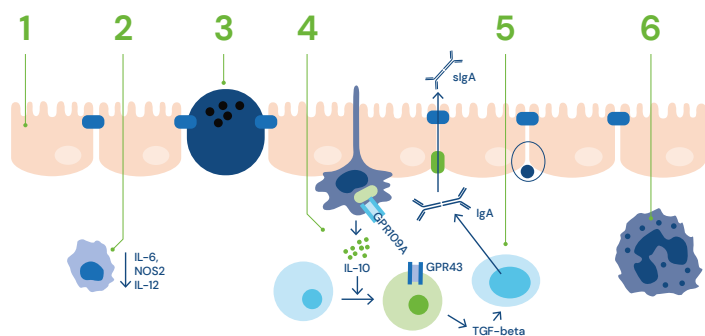
Butyflam Coated



| | |
|------------------------------------|--|
| indication | Neuroinflammation Immune modulating (T reg + IL-10 anti-inflammation) Remodeling intestinal barrier function |
| dosage | 3 x 2 caps per day |
| packaging | 180 coated caps per container |
| composition (amount per 6 caps) | Butyrate coated – 3000 mg |

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The impact of Butyflam



1. Fuel to renew **epithelial cells**
2. Macrophages **more tolerant towards commensal bacteria**
3. Goblet Cells release **more mucins**
4. Impact on dendritic cells, **more IL-10 & T regs**
5. B cells synthesize more **sIgAs**
6. Neutrophil **chemotaxis**

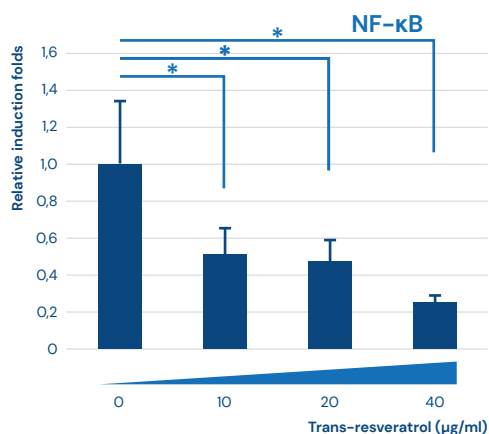
AO Defense



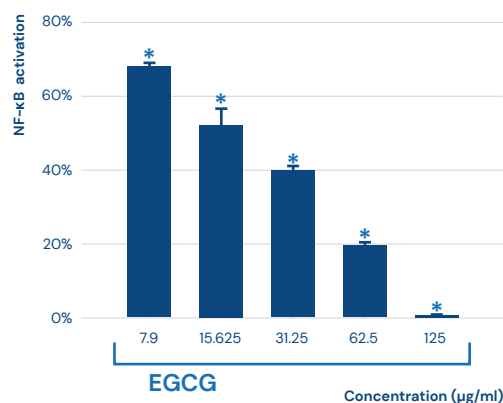
| | | |
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| indication | Powerful antioxidant formulation for optimal health or as advised in different conditions: <ul style="list-style-type: none"> - cardiovascular health - degenerative disease - immune related disorders - viral infections | |
| dosage | 1 cap in the morning and 1 cap in the evening | |
| packaging | 60 vegecaps per container | |
| composition (amount per 2 vegecaps) | Japanese knotweed dry extract (Polygonum cuspidatum) (Natural Trans-Resveratrol) | 210 mg |
| | Green tea extract (Camellia sinensis) (50% EGCG) | 200 mg |
| | Grape skin extract (Vitis vinifera) | 140 mg |
| | Grape seed dry extract (Vitis vinifera) | 100 mg |

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Trans-resveratrol inhibited endogenous and TNF-induced NF- κ B activation in a dose-dependent manner



The effect of EGCG on F. nucleatum-mediated activation of the NF- κ B signaling pathway



Tri-Fortify Watermelon® or Orange®

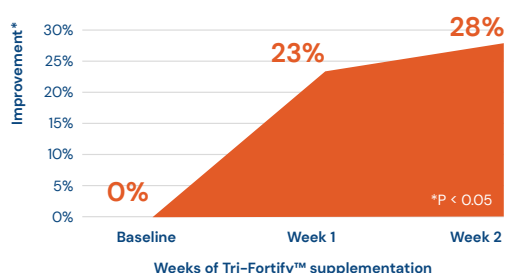


| | | |
|--|---|-----------------|
| indication | Detoxification with glutathione in high bioavailable formulation, powerful antioxidant, Natural Killer Cell support | |
| dosage | 1 teaspoon (1 pack) per day, away from food | |
| packaging | 236 ml per tube or 20 packs per box | |
| composition (amount per 1 teaspoon) | Glutathione Liposomal Vitamin C | 450 mg 50 mg |

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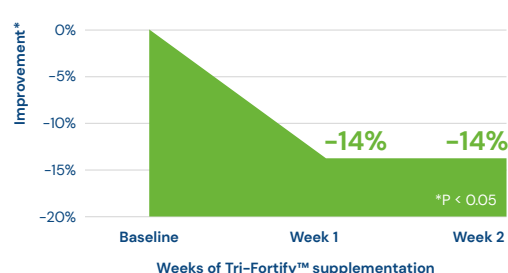
Glutathione levels

Increase in red blood cell levels (Erythrocytes)



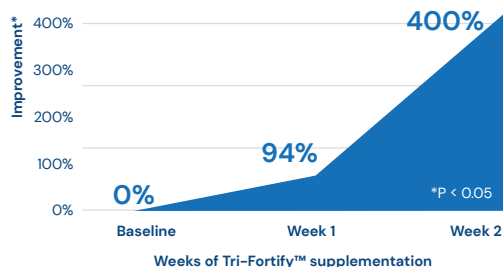
Oxidative stress markers

Oxidized / Reduced GSH



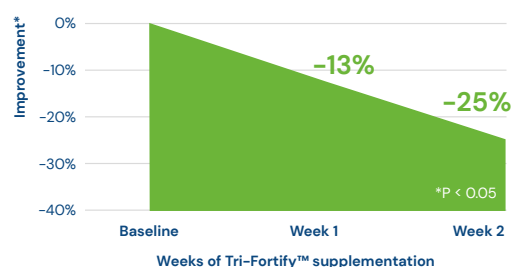
Immune function

Natural Killer Cell activity

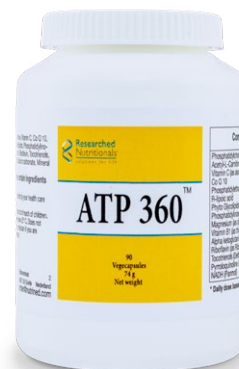


Lipid Peroxidation

(Reduced Cellular Membrane Oxidation)



ATP 360™



| | | |
|--|--|--------|
| indication | Mitochondrial repair Cognitive and physical fatigue | |
| dosage | 3 caps per day in the morning with breakfast | |
| packaging | 90 vegecaps per container | |
| composition (amount per 3 vegecaps) | Phosphatidylcholine | 200 mg |
| | Acetyl-L-Carnitine | 200 mg |
| | Vitamin C (as ascorbic acid) | 100 mg |
| | Co Q 10 | 100 mg |
| | Phosphatidylethanolamine | 80 mg |
| | R-lipoic acid | 75 mg |
| | Phyto Glycolipids | 65 mg |
| | Phosphatidylinositol | 55 mg |
| | Magnesium (as dimagnesium malate) | 50 mg |
| | Vitamin B1 (as thiamine HCl) | 50 mg |
| | Alpha ketoglutaric acid | 50 mg |
| | Riboflavin (as Riboflavin-5-phosphate) | 42 mg |
| | Tocotrienols (Deltagold) | 30 mg |
| | Pyrroloquinoline Quinone (PQQ) | 10 mg |
| | NADH (Panmol) | 5 mg |

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