



focus

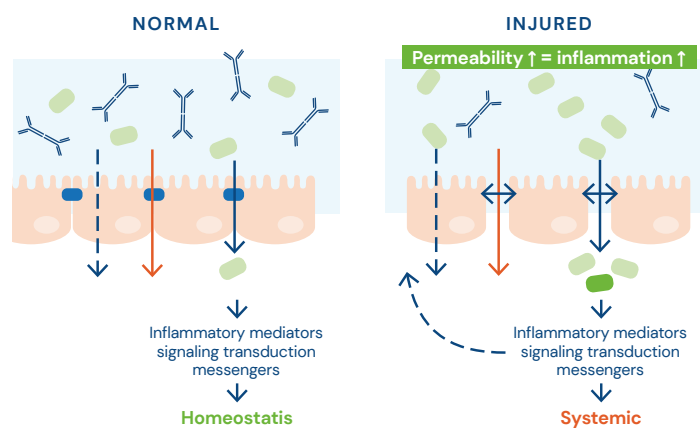
Immune modulation and intestinal permeability go hand in hand



Increased intestinal permeability & resulting low-grade inflammation are major contributors in:

- auto-immune dysfunction
- neuroinflammation
- neurodegenerative pathology

Supportive treatments modulate immunity and repair gastro-intestinal lining.



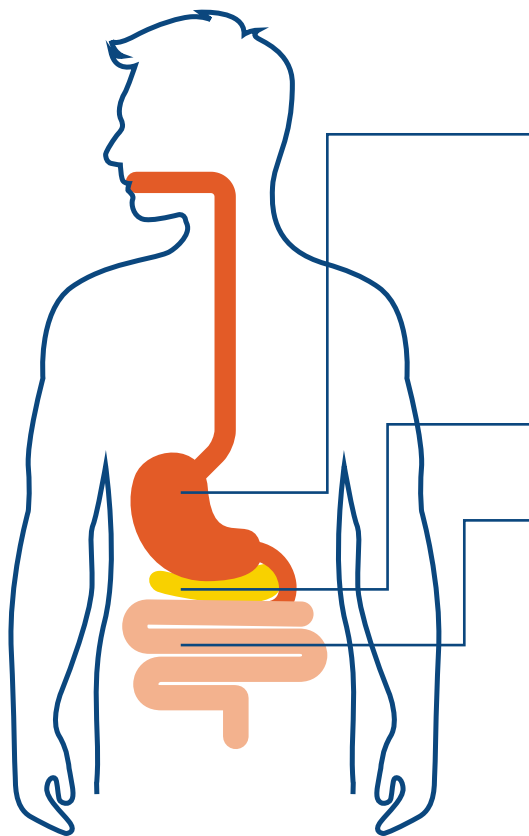
Webinar

Various scientific based indications for Bio-available Butyrate

> watch webinar

www.youtube.com/watch?v=1h5r9kBoz48

Gut protocol



Global intestinal support is a multilevel support

Optimize gastric acid level

- Prevents pathogenic overgrowth
- First line defense
- Essential for activation of the pancreas to release digestive enzymes
- Digestive breakdown of polypeptides into individual amino acids (auto-immune reactivity is reduced if separate amino acids)

Enzyme complex to optimize digestion (including gluten modifying enzymes)

Targeted released Glutamine & cofactors heal the mucosal lining

- Reduce inflammation
- Improve the synthesis of s IgA by the intestinal lymphocytes

Butyrate coated

- Immune tolerance intestinal & systemic
- s IgA barrier
- Mucus barrier
- Epithelial barrier





Guttae Pepsini

indication	Stomach acid deficiency Poor digestion Intestinal malabsorption Rebuilds intestinal pH
dosage	3 x 10 - 20 drops per day at the start of each meal, dilute in water and swallow immediately
packaging	30 ml per bottle
composition (amount per 30 drops)	Purified water 5,3 ml Glycerol 10 ml Hydrochloric acid HCl 37% 2,7 ml Pepsine 2 ml

Gluten DPP IV Complex

indication	DPP-IV proteolytic enzyme complex Breaks down proline residues in Gluten and decreases the intestinal immune reaction Intolerance for gluten and/or casein Indigestion, gas, bloating, constipation and diarrhea
dosage	3 x 1 cap per day at the beginning of each meal
packaging	90 vegecaps per container
composition (amount per 3 vegecaps)	Protease IV 60 mg Lactase 60 mg Protease (zuur en neutraal) 70,35 mg Amylase 30 mg Maltodextrine 24,45 mg Gluco-amilase 15 mg Invertase 6 mg Lipase 4,2 mg



Perm Plus Coated

indication	Rebuilding intestinal permeability and immunity with targeted released molecules
dosage	The first month: 3 x 2 tablets per day Then take 3 x 1 tablet per day 20 min. before food
packaging	90 tablets per container
composition (amount per 3 tablets)	L-Glutamine 975 mg N-Acetyl-D - Glucosamine 375 mg N-Acetylcystein 300 mg Liquorice root powder (Glycyrrhiza Glabra L.) 255 mg Gamma oryzanol 180 mg L-Carnosine 60 mg Zinc (as zinc bisglycinate and zinc methionin) 22,5 mg



Butyflam Coated

Butyrate is a short-chain fatty acid produced by the intestinal bacteria through fermentation of non-digestible fibers. Butyflam Coated delivers bio-available levels of butyrate in our intestines to guarantee immune tolerance and avoid excessive inflammation or auto-immune reactions.

indication	Neuroinflammation Immune modulating (T reg + IL-10 anti-inflammation) Remodeling intestinal barrier function
dosage	3 x 2 caps per day, 20 minutes before meals
packaging	180 coated caps per container
composition (amount per 6 caps)	Butyrate – 3000 mg