



Amprogen: Improved Formulation of Probiotics For Improved Gastrointestinal Condition And Increased Immunity

Intellectual Property:

Indian Patent: 451231

INVENTORS:

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Category of the invention:

- ✓ Dietary supplements,
- ✓ Pharmaceuticals,
- ✓ Functional foods



TECHNOLOGY:

Amprogen is a novel combination of synbiotics and paraprobiotics. Unlike common formulations available in the Indian market, Amprogen consists of the complementary fusion of synbiotic and paraprobiotic to deliver immediate benefits, surpassing the effects of live probiotics alone. This innovative fusion not only reduces treatment costs by lowering consumption frequency due to its rapid efficacy but is also highly beneficial for geriatric and pediatric populations, significantly boosting their immune systems.

PROBLEM ADDRESSED

- ✓ Delayed effects of Traditional probiotics probiotics
- ✓ High treatment frequency and cost
- ✓ Low bioavailability of probiotics:
- ✓ Inconsistent results with traditional probiotics

POTENTIAL VALUE:

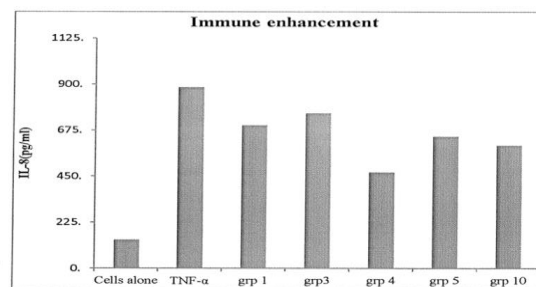
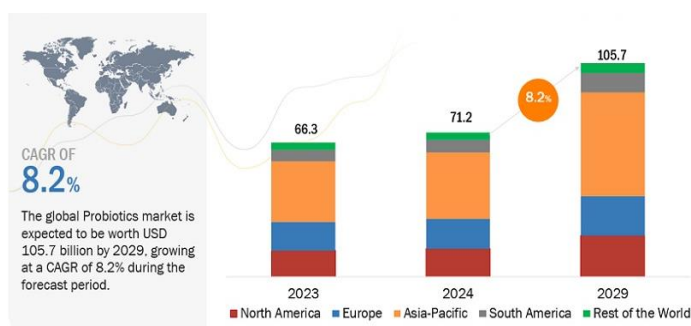


Figure -- depicts immune enhancement of different groups/ combinations
Group 1: *Bifidobacterium bifidum*, *Bifidobacterium lactis*, *Lactobacillus acidophilus*
Group 3: Group 1 + Lactosucrose, Fructooligosaccharides, Glucans-30 & Dextrin
Group 4: Group 3 + *Lactobacillus plantarum* metabolites
Group 5: Group 3 + *Lactobacillus delbrueckii* metabolites
Group 10: Group 3 + *Lactobacillus plantarum* and *Lactobacillus delbrueckii* metabolites.

ADVANTAGE

- ✓ It will show immediate effect than the consumption of live probiotics alone
- ✓ As it shows an immediate effect than the others, frequency can be reduced and hence the treatment cost will also reduce
- ✓ The immune system of the individual will be boosted and hence can be extremely beneficial for the geriatric and pediatric populations
- ✓ By increasing the bioavailability of probiotics, Amprogen enhances their absorption and utilization by the body, maximizing their potential health benefits
- ✓ Amprogen enhances the overall efficacy of probiotics, ensuring more consistent and reliable results in promoting digestive health and overall well-being.

USP

- ✓ Immediate Therapeutic Benefits
- ✓ Enhanced Immune Support
- ✓ Effective for Pediatrics and geriatrics

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