

Introducing **iVS-1** an **Ecologically Advanced Probiotic**®

***Bifidobacterium adolescentis* iVS-1**®

A native strain, chosen for its superior performance in the gut using our proprietary iVS® discovery platform. iVS-1®, an Ecologically Advanced Probiotic®, has demonstrated the ability to out-grow and out-compete other strains within the gut. iVS-1® persists longer in the gut, supports digestive health and promotes healthy gut barrier integrity, which is important to overall immune and metabolic health.

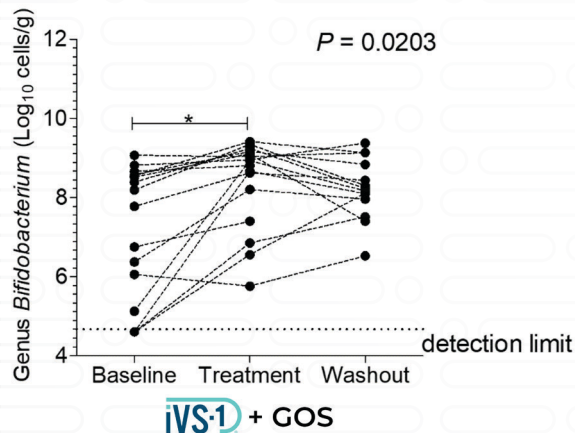
iVS-1® Benefits

- Clinically shown to support gut barrier integrity, which impacts important aspects of the immune system and the body's metabolism
- Reached a 10x higher level in the gut than a leading strain of *Bifidobacterium* in a randomized, double-blind, placebo-controlled clinical trial
- Persists longer in the gut
- Helps maintain and support a healthy immune system
- Supports digestive health
- May support healthy metabolic function
- Clinically demonstrated to increase the total amount of bifidobacteria in the human gut. *Bifidobacterium* levels have been shown to decrease as we age
- Supports a tight gut lining
- Helps balance the microbiome
- iVS-1® has been clinically paired with the targeted prebiotic GOS, which it competitively consumes
- Native to the human gut
- Effective clinical doses as low as 1 Billion CFU per day

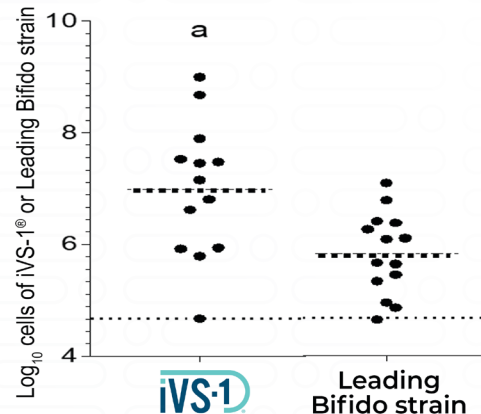
* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

Results: Treatment with iVS-1® and iVS-1® + GOS Gave Significant Increases in bifidobacteria. Treatment with the Leading Bifido Strain did Not.

Treatment with iVS-1® + GOS resulted in 100% of participants having significant bifidobacteria levels even after washout.

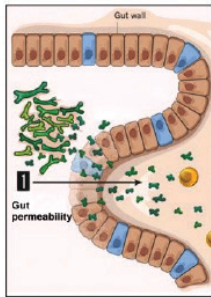


iVS-1® establishes in the human gut at levels 10X higher than a leading strain of *Bifidobacterium*.



iVS-1® was Effective in Supporting Gut Barrier Integrity, While the Leading Bifido Strain was Not.

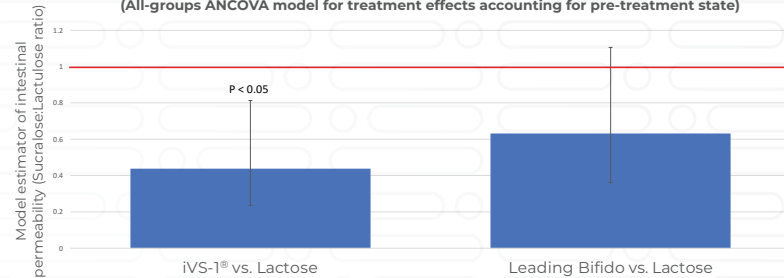
Maintaining gut barrier function can support healthy immune, metabolic, and digestive systems



Adapted from Caru and DeLzenne, 2007 and Gravitz 2012

- Metabolic imbalance
- Digestive issues
- Systemic immune impacts

iVS-1® effects on intestinal permeability were superior to the lactose placebo, while leading Bifido strain effects were not
(All-groups ANCOVA model for treatment effects accounting for pre-treatment state)



Analysis Credit: Dan Tancredi, UC Davis

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iVS-1® Makes Product Development Easy

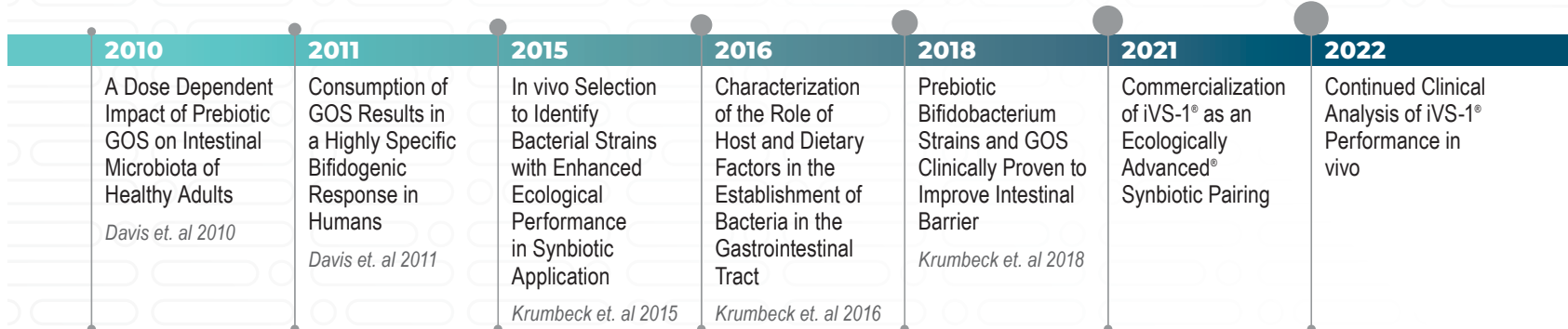
B. adolescentis iVS-1®:

- Manufactured to the highest standards in a state-of-the-art cGMP Facility
- Meets or exceeds most global regulatory requirements
- Certified Kosher, Halal & self-GRAS
- NHP Class I approved by Health Canada
- Organic compliant
- Non-GMO

iVS-1® is offered in a wide range of formats:

- Bulk powder/concentrate
- Pre-mixes
- Custom (hopper-ready) blends
- Bulk capsules
- Bulk stick packs
- Bulk sachets
- Retail-ready/finished formats

iVS-1®: Over a Decade of Dedication



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Leading with Science®: Synbiotic Health researches & develops Ecologically Advanced® microbiome ingredients for improved health. Using our novel discovery platforms iVS® and iVE®, Synbiotic Health is pioneering a new category of Synergistic Synbiotics®—proprietary select combinations of Ecologically Advanced Probiotics® and prebiotics that change the microbiome to provide documented health benefits.