

POSTBIOTIC METABOLITES

THE NEW FRONTIER IN MICROBIOME SCIENCE

A FERMENTATION-PRODUCED PROBIOTIC
THAT IS A **COMPLETE MICROBIOME SYSTEM**

RAPID MICROBIOME RESTORATION WITH
PROBIOTICS + PREBIOTIC FOODS + POSTBIOTIC METABOLITES

POSTBIOTIC METABOLITES ARE

- Health-regulating compounds produced by probiotic bacteria
- Produced by bacteria when they digest/ferment foods

MICROBIOME ECOSYSTEM CONSISTS OF

- Probiotic bacteria
- Postbiotic metabolites

MICROBIOME HEALTH = MICROBIOME DIVERSITY

- Diversity of strains of bacteria
- Diversity of fiber-rich foods
- Diversity of postbiotic metabolites

3 & 5 YEAR FERMENTATION PROCESS

- Begins with 12 strains of probiotic bacteria and
- Dozens of fiber-rich foods
- Result is over **400 Postbiotic Metabolites**

- ✓ 36 AMINO ACIDS
- ✓ 59 ORGANIC ACIDS
- ✓ 215 PEPTIDES
- ✓ 10 NUCLEIC ACIDS
- ✓ 43 LIPIDS
- ✓ 14 STEROIDS
- ✓ 19 SACCHARIDES
- ✓ 9 POLYPHENOLS
- ✓ 3 TERPENES



FOR MORE INFORMATION AND / OR TO REQUEST A FREE SAMPLE OF A
FERMENTATION-PRODUCED PROBIOTIC WITH OVER 400 POSTBIOTIC METABOLITES
CONTACT ESSENTIAL FORMULAS 800-430-6180