



Gut Feeling: How Your Microbiome, Brain, and Botanicals Shape Your Health

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“Sabinsa is a responsible and reliable company.”



2023
**LIFE TIME
ACHIEVEMENT
AWARD**
INDIA



2021
**FATHER OF INDIAN
NUTRACEUTICALS
INDUSTRY**
INDIA



2018
**NUTRA
CHAMPION**
EUROPE



2022
**LEGEND OF THE
MILLENNIUM IN
NUTRACEUTICAL
INDUSTRY**
INDIA



2020
**RESEARCH
CONTRIBUTION TO
NATURAL PRODUCT**
INDIA



2016
**HALL OF
LEGENDS**
USA



Late DR. MUHAMMED MAJEED // FOUNDER // RECIPIENT OF ELLIS ISLAND MEDAL OF HONOR BY NECO AUTHORIZED BY THE U.S. CONGRESS



“Microbes contribute more genes responsible for human survival than humans contribute”



Human Microbiome Project

153 Million USD

80 Universities

242 Subjects

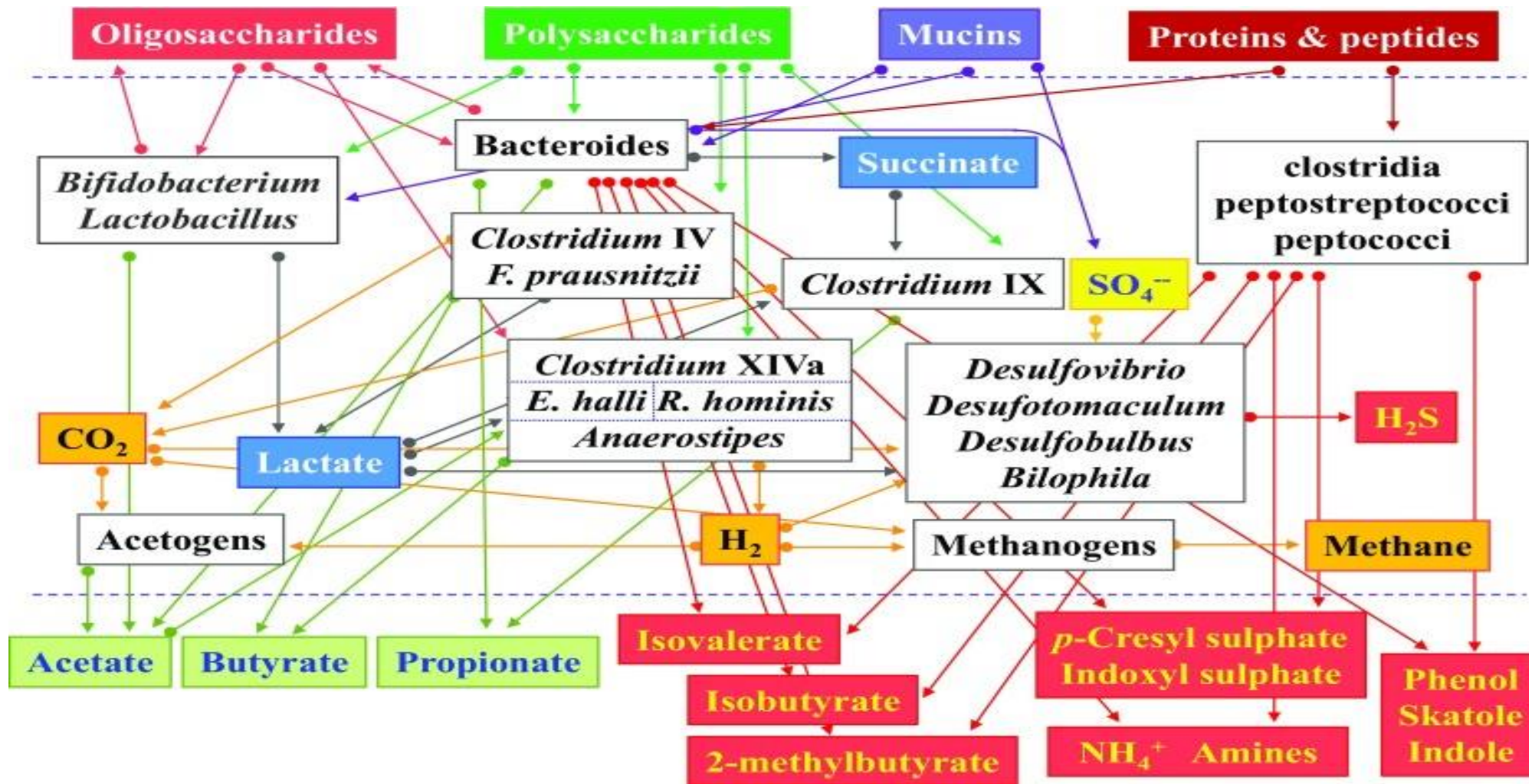
5000 samples

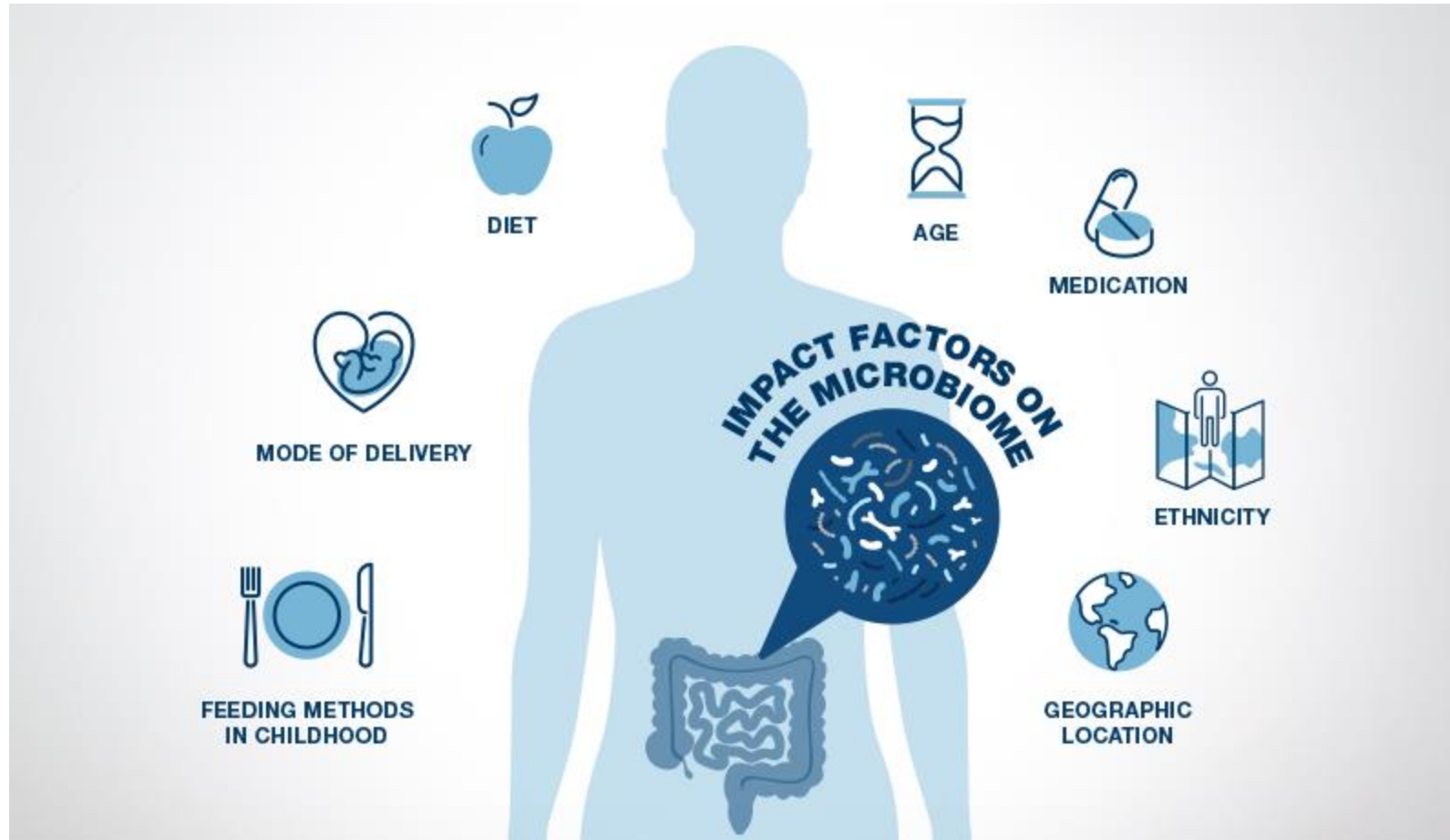
5 Years Research

10,000 species

8 million protein
coding genes

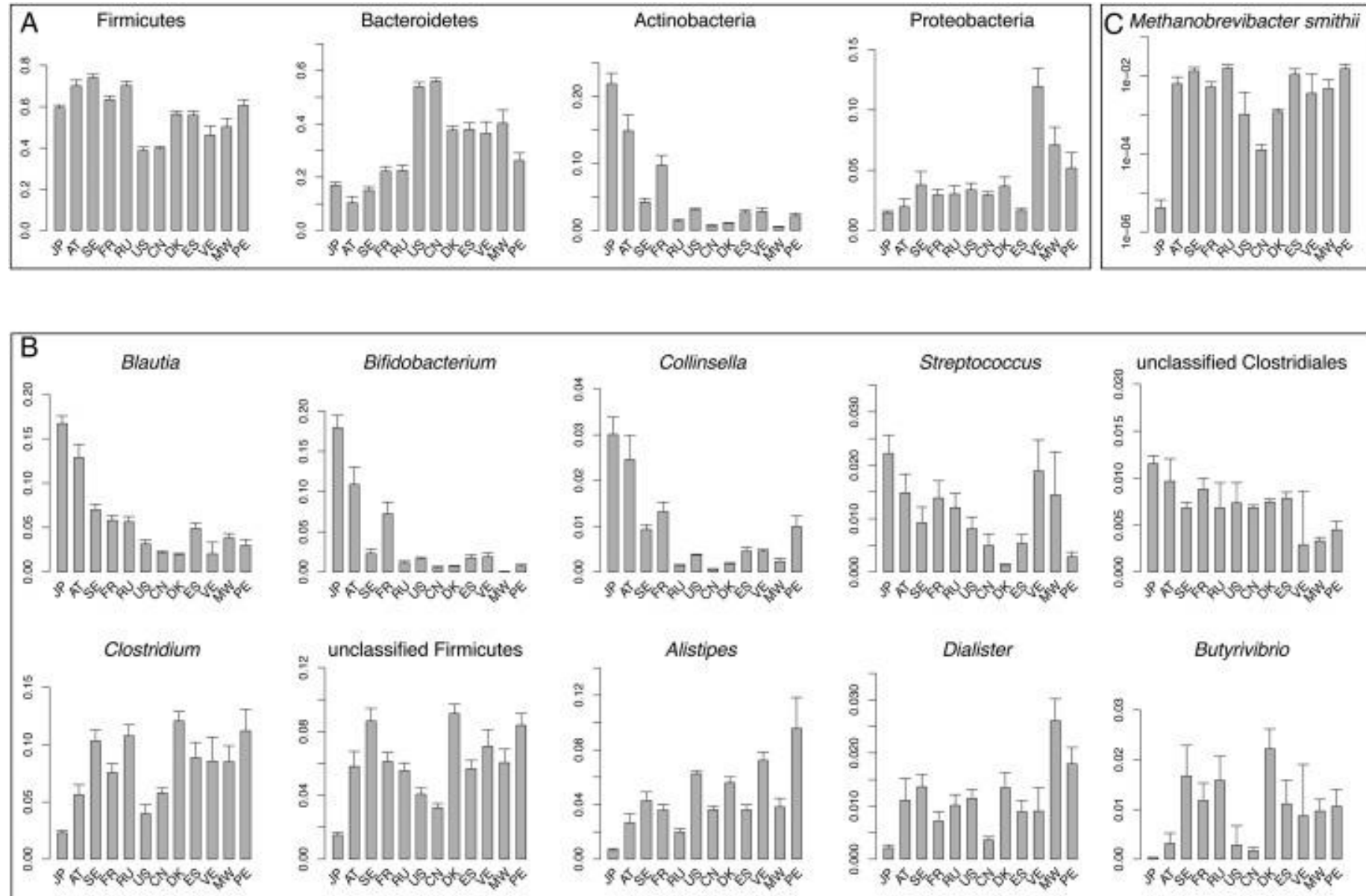
Role of Microbiome





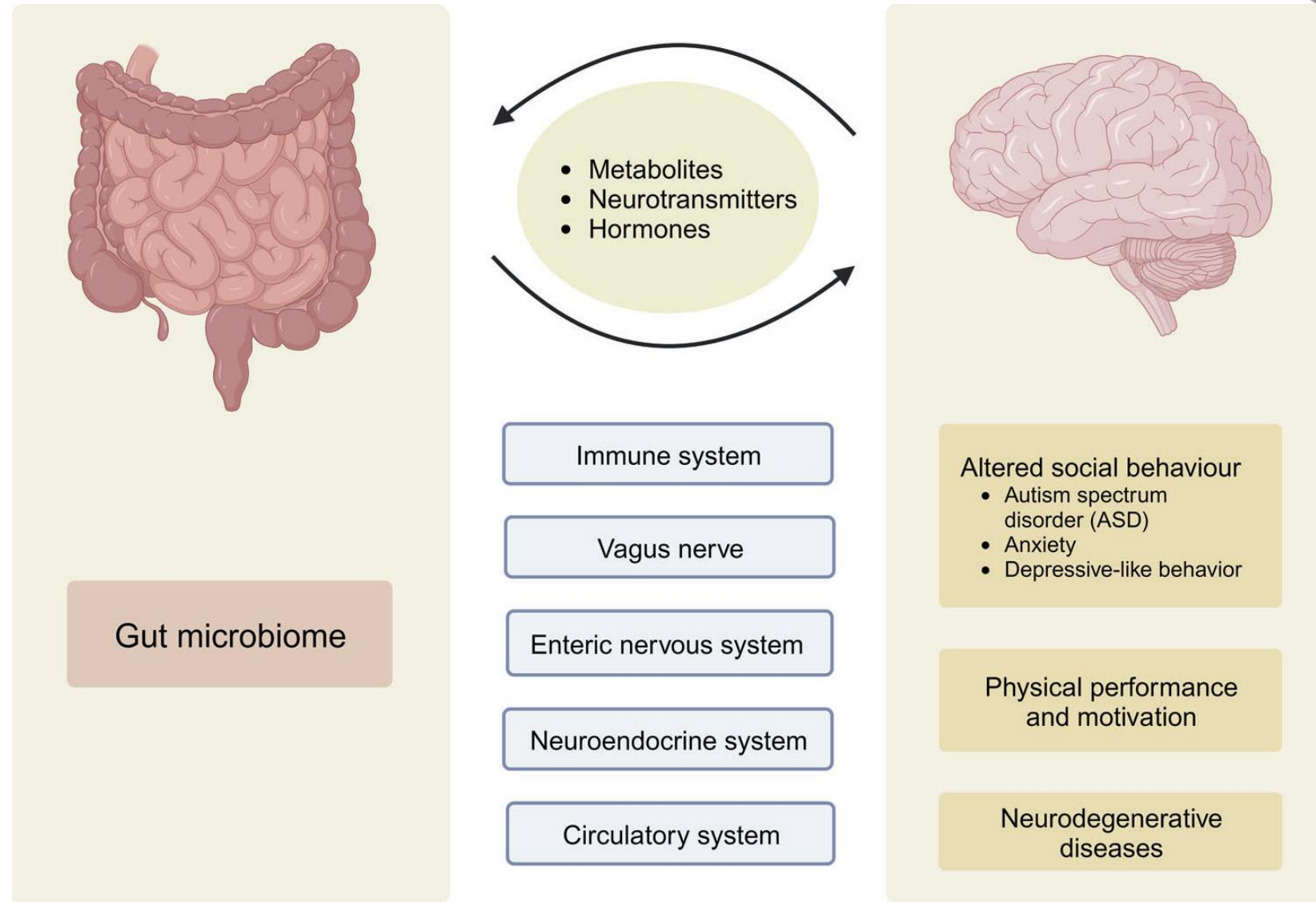
Source: [Online](#)

TAXONOMIC DIVERSITY

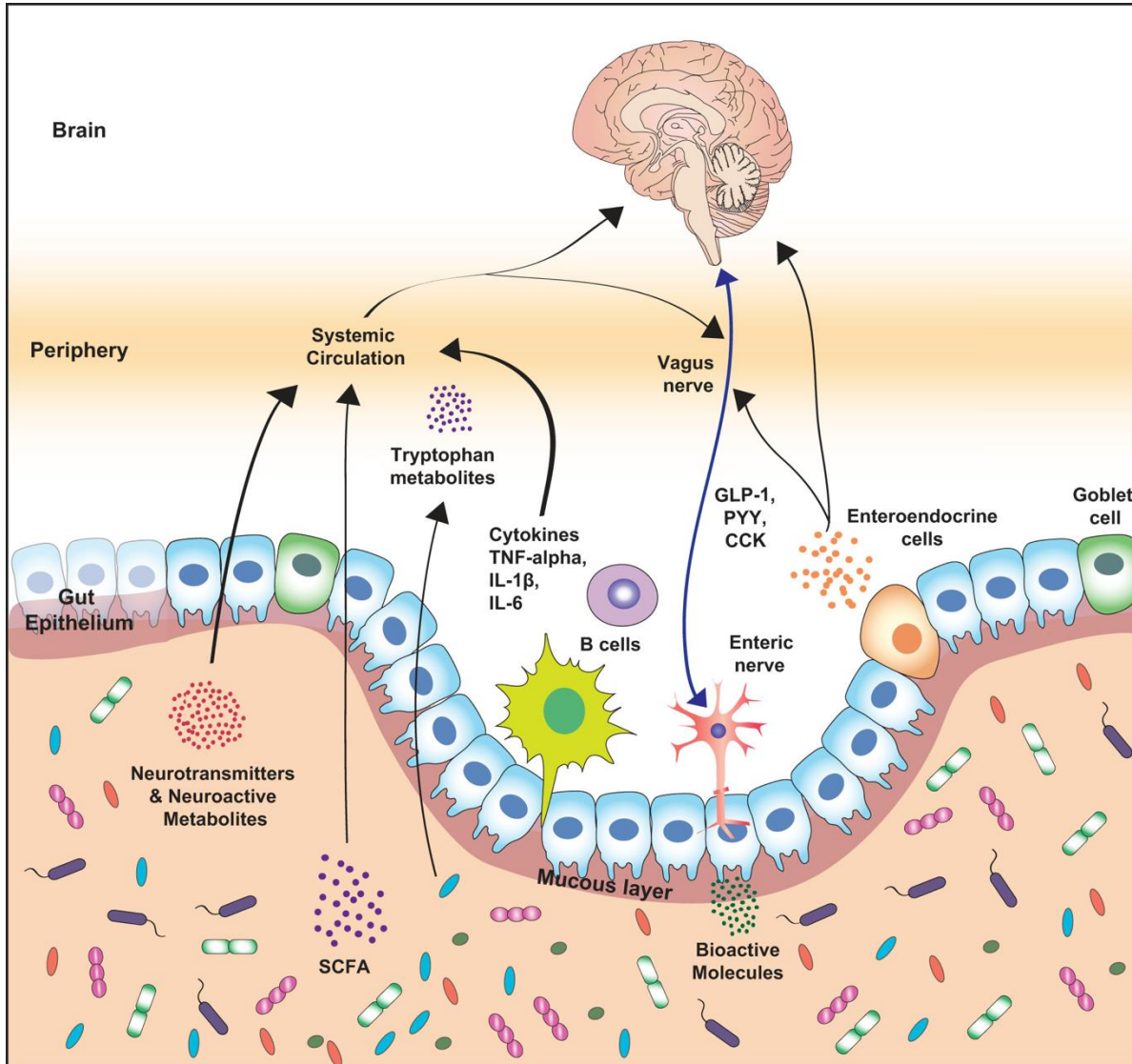


DNA Res 2016 Mar 6;23(2):125–133. doi: [10.1093/dnares/dsw002](https://doi.org/10.1093/dnares/dsw002)

Gut Brain Axis



Nature 2024. Microbiota-gut-brain axis and its therapeutic applications in neurodegenerative diseases



Schematic outlining the various known bidirectional pathways of communication between the gut-microbiota and the brain, including hepatic and gallbladder metabolism, immune-modulatory responses, neuronal innervation, enteroendocrine, and microbial metabolite signaling. CCK, cholecystokinin; GLP-1, glucagon-like peptide-1; IL, interleukin; PYY, peptide YY; TNF, tumor necrosis factor; SCFA, short-chain fatty acid

Source: DOI: (10.1152/physrev.00018.2018)

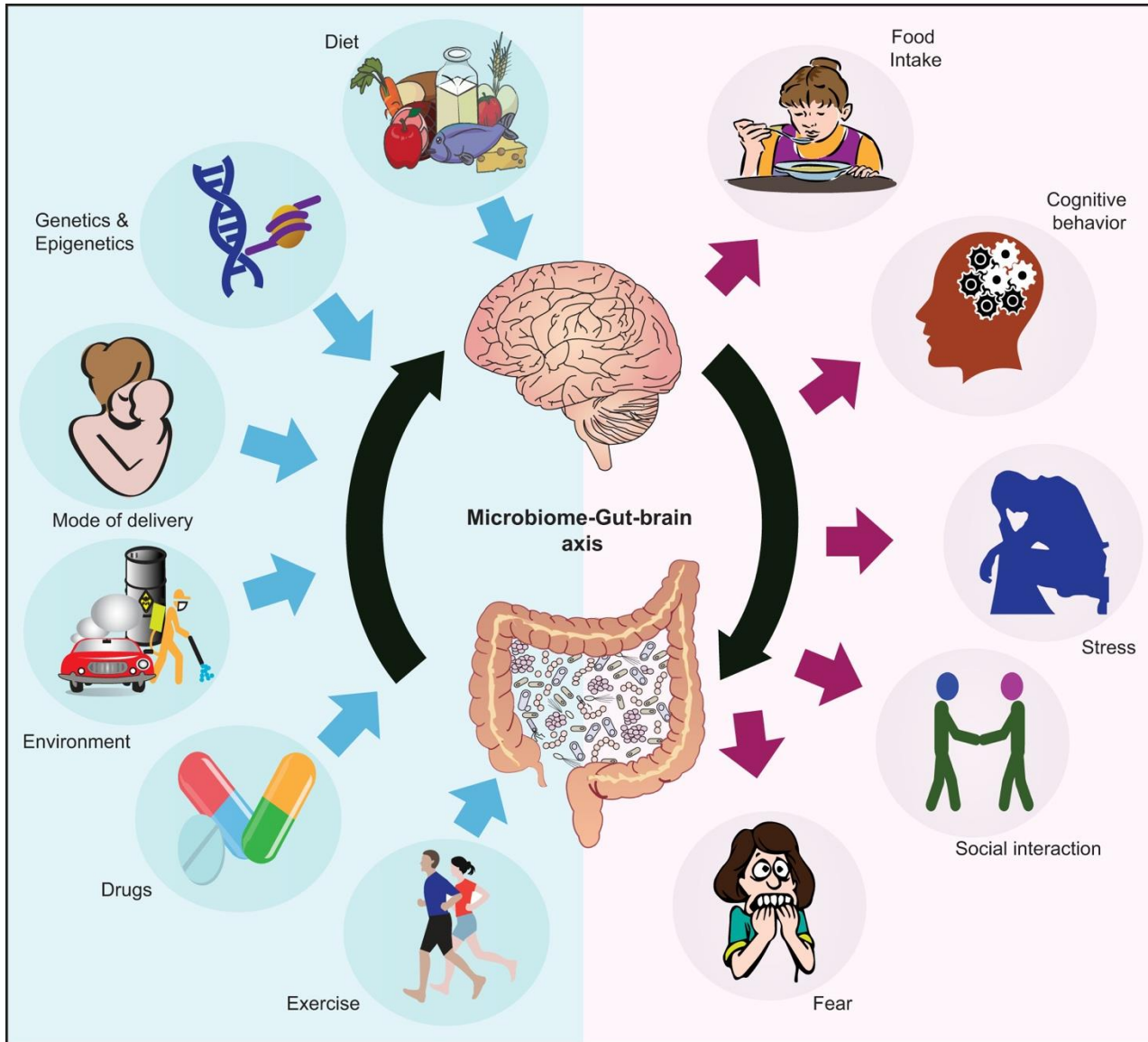


Illustration identifying common factors known to impinge on microbiota-gut-brain activity, including diet, congenital heredity and associated epigenetics, environment, medications, exercise, and mode of delivery at birth, as well as the various behaviors known to be affected by microbiota-gut-brain axis perturbation, including cognitive and social behaviors, stress, fear, and food intake.

Source: DOI: (10.1152/physrev.00018.2018)



PROBIOTICS

Live microorganisms which, when administered in adequate amounts, confer a health benefit on the host.

*Joint FAO/WHO Working Group on Drafting
Guidelines for the Evaluation of Probiotics in Food
2002*



LactoSpore[®]

- Shelf-stable probiotic LactoSpore[®]
 - *Heyndrickxia coagulans* (*Bacillus coagulans*) MTCC 5856
 - Heat and storage stable
 - Three-year stability
 - Three grades: 6B, 15B, 100B
 - The Original Stable Probiotic[®] helps to maintain overall health.
 - LactoSpore[®] produces the beneficial short chain fatty acids (SCFA) by fermenting plant-based fibers.
 - Supported by clinical studies for a range of health benefits.
 - Patented



Postbiotics: The New Frontier

- What Are Postbiotics?

Preparation of inanimate microorganisms and/or their components that confers a health benefit on the host

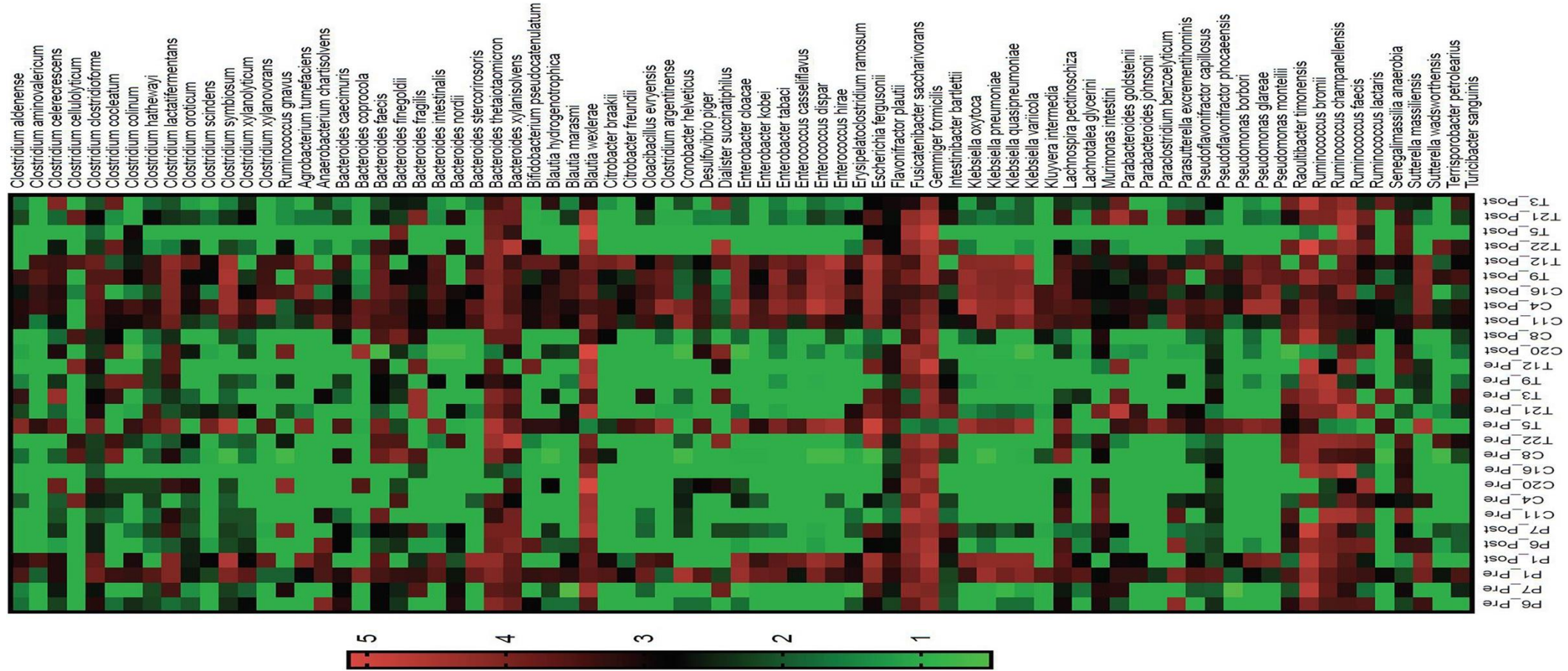


Herbal Remedies and Botanicals: Natural Allies for the Microbiome



C3 Complex[®] and Shagandha[®]

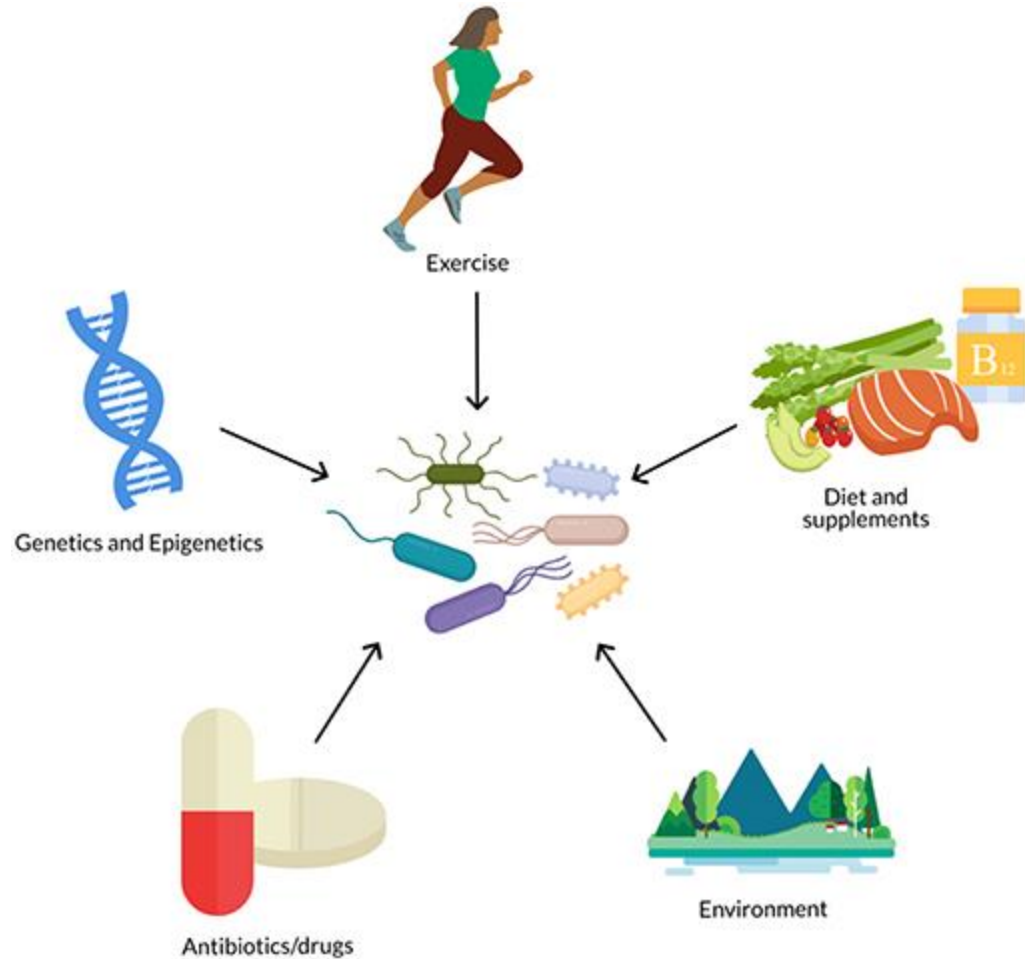
- Curcumin C3 Complex[®]
 - Extract derived from the rhizomes (roots) of the plant *Curcuma longa*, also known as turmeric
 - The most clinically studied curcumin brand
 - Original 95% patented extract
- Shagandha[®]
 - For stress management support
 - Ashwagandha is a premier adaptogen with a long history of use in Ayurveda.
 - Potent root extract of Ashwagandha, correctly standardized and effective with just 2.5% withanolides.
 - Two published human clinical studies on stress and anxiety





Practical Takeaways: How to Support a Healthy Microbiome

PROBIOTIC FOODS



Source: [Frontiers in Nutrition](#)



thanks...



participating members of:

