



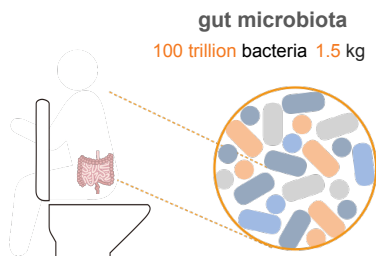
Leader in designing your intestinal environment

Metagen, Inc. aims to create a disease-free world based on

Metabolo
Genomics

“designing intestinal environment”

Gut microbiota is closely involved in our health



gut microbiota
100 trillion bacteria 1.5 kg

Intestinal flora means intestinal bacteria consortium, which play a role in many diseases

Intestinal tract disorders
Colorectal cancer and inflammatory bowel disease, etc.
Disorders of distant organs
Hepatic cancer, allergy, obesity, diabetes, arteriosclerosis, chronic kidney disease, autism, and multiple sclerosis, etc.

Proper control of the intestinal environment helps us stay healthy and prevent disease.

Reliable information based on scientific evidence

Metagen is a joint venture between
Keio University and **Tokyo Institute of Technology**

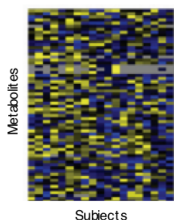


Only a company established by top scientists can
Acquire **reliable information on the intestinal environment** through advanced analytical technologies

◆ Metagen's technology ◆

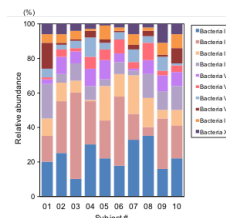
Metabolomics

Analyze **metabolites** in the gut
“What substances are present, and how abundant is each of them?”



Metagenomics

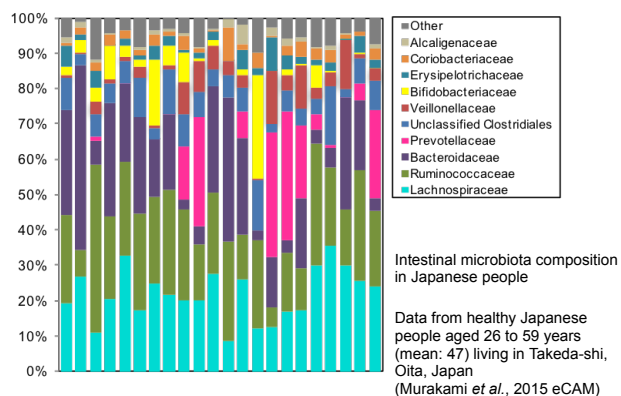
Analyze the **genetic information** of gut microbiota
“What types of bacteria are present, and how abundant is each of them?”
“What kinds of functions do their genes have?”



Metabologenomics

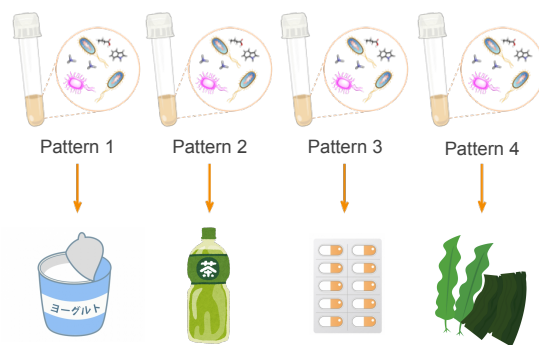
Accumulating evidence indicates that the functions of gut microbiota do not necessarily depend on the types of bacteria that constitute it. Metagen is developing a “**intestinal design**” technology that controls the intestinal environment by analyzing it through Metagen's proprietary technology “MetabologenomicsTM,” an integrated analysis of the genetic information of gut microbiota and intestinal metabolite profiles.

Individualized solutions to improve the intestinal environment



Intestinal environment pattern

Solution that achieves an optimal intestinal environment



To design the intestinal environment properly, Metagen assesses it in a large number of people.

Search for a combination of
“Intestinal environment pattern” and “Solution”

The intestinal environment pattern varies from person to person.