

Gut Microbiota Bioinformatics Services Now Available by the GutFlora Omics Platform

Jan. 14, 2021 by Melissa George

The product manager has recently announced the fully-developed gut microbiota bioinformatics services, which help understand how the gut microbiota colonizes, varies and interacts with the host, and even how to associate with diseases can be of great value in the treatment of these diseases, such as inflammatory bowel disease (IBD), diabetes, mental disorders, and cancers.

GutFlora Omics platform belongs to Creative Proteomics. It has more than 10 years of experience in providing advanced multi-omics services, and provides services and support to customers through comprehensive intestinal flora research solutions. The product manager has recently announced the fully-developed [gut microbiota bioinformatics services](#), which help understand how the gut microbiota colonizes, varies and interacts with the host, and even how to associate with diseases can be of great value in the treatment of these diseases, such as inflammatory bowel disease (IBD), diabetes, mental disorders, and cancers.

Intestinal flora, as the general term for the microbial community that resides in the human intestine, is one of the most interesting research focuses in the fields of microbiology, medicine, and genetics in recent years. Research in recent years has gradually revealed the composition and quantity of intestinal flora, how it enters the body, how to assist digestion, how it affects intestinal development, and how the imbalance of intestinal flora affects overall health. However, the intestinal flora is so huge and the interaction with the human body is so complicated. There are still many unsolved problems about the intestinal flora.

Due to the low efficiency and insufficient information of many traditional methods, statistical and computational techniques based on big data accumulated by high-throughput technologies can greatly promote the progress of microbiota research. What's more exciting is that thanks to the rapid development of artificial intelligence, computing methods and the huge database we have obtained, researchers can do their best to develop problems related to the microbiota. Especially new models in the

field of human health, and even get rid of new disease treatment methods.

“Creative Proteomics specializes in multi-omics and is equipped with state-of-the-art techniques and bioinformatics platforms, as well as well-experienced scientists, provides comprehensive and delicate bioinformatics services for your gut microbiota research.” stated Creative Proteomics's product manager.

As one of the well-known service providers in biotechnology field, Creative Proteomics's gut microbiota bioinformatics solutions utilize advanced technology and proven expertise to help customers meet their needs. Creative Proteomics can offer a series of gut microbiota metatranscriptomic services, including:

- Metagenomics and Metatranscriptomics Bioinformatics Analysis
- [Metaproteomics Bioinformatics Analysis](#)
- Metabolomics Bioinformatics Analysis

“Our wide-range service portfolio is designed to bring a versatile and reliable platform for gut metatranscriptome analysis. In the past decade, we have helped our customers with hundreds of projects ranging from proof of concept studies to pilot manufacturing and mass production.” stated by Creative Proteomics's executive vice president.

If you feel interested and want to learn more, please visit <https://gutfloraomics.creative-proteomics.com/>

About Creative Proteomics

Established in 2004, Creative Proteomics has gradually developed into an integrated company that provides proteomics, Gutfloraomics, glycomics, and bioinformatics analysis services to researchers in the pharmaceutical, biotechnology, agriculture and nutrition industries, as well as academic and government organizations. With a continuing focus on quality, Creative Proteomics is proud of satisfying the needs of

our clients both at home and abroad covering more than 50 countries and districts.

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