



bitBiome, Inc.

Company Description

bitBiome, Inc. is a research-driven biotechnology company originating from Waseda University in Japan, dedicated to advancing biomanufacturing through innovative microbial genome analysis technologies. Established in November 2018, the company utilizes its proprietary microbial single-cell genome analysis technology, bit-MAP®, to obtain and characterize genomic information from a wide variety of microorganisms, including those that are difficult to analyze using conventional methods.

The company has developed and utilizes its proprietary microbial genome database, bit-GEM, and enzyme discovery and engineering platform, bit-QED, to identify, modify, and optimize enzymes and genes through the integration of artificial intelligence and bioinformatics. It also provides next-generation sequencing services, including microbial single-cell genome analysis, whole-genome sequencing, transcriptome analysis, and microbiome analysis.

In addition, bitBiome collaborates with companies and academic institutions to support research and development across a broad range of activities, from enzyme discovery and engineering to bioprocess development and the commercialization of biomanufacturing technologies. The company also develops novel products and technologies utilizing microbial functions, aiming to contribute to the advancement of the bioeconomy across industries such as environmental solutions, healthcare, chemicals, food, and agriculture.

Company Details

Head Office

Japan

Main Business

バイオものづくり関連の共同研究 微生物のシングルセルゲノム解析技術を用いた受託解析及び共同研究開発

President

鈴木 悠司

Established

2018年11月7日

Capital

1億円

Number of Employees

51 - 100

URL

<https://bitbiome.co.jp/company/about/>

Offices

Main Office

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