

# TFTAK MICROBIAL CULTIVATION SERVICE

TFTAK offers a fast and cost-effective **in vitro gut microbiome analysis service** for the prebiotics industry to determine which product modifications have the most significant effect on human gut microbiota.

**TFTAK has all the key competencies as one efficient in-house development platform.**

The human microbiome has vast potential in several areas, including being a source of naturally evolved drug candidates.

The importance of the microbiome for human health is enhanced by technological advances in microbiology and genomics which lead to a rapid increase in interest and demand for cultivating microorganisms.



LET US INNOVATE TOGETHER!

**In order to test the effect of different prebiotics on human microbiome, we have developed:**

**1**

A model consortium of 25 species of microorganisms

**2**

A technology for isothermal microcalorimetry-based serial batch screening

This technological breakthrough will allow the screening of tens of dietary fiber mixtures within a week. The information could then be used to choose a product for testing in human trials and microbial fermentation contract manufacturing.

