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MicrobioTx: Decoding Gut Health Through Precision Science

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MicrobioTx is bringing microbiome research closer to everyday healthcare through AI-powered gut health testing and personalised wellness solutions. The Bengaluru-based startup, founded by Akanksha Gupta and microbiome researcher Dr Palok Aich, uses a finger-prick blood test to analyse gut-derived metabolites and generate personalised insights, nutrition guidance and probiotic recommendations.



Problem

Conventional gut microbiome testing often relies on stool samples, which can be inconvenient and costly. MicrobioTx aims to make gut health profiling more accessible through a simpler testing approach.

Product

Its Gut Function Test uses a finger-prick blood sample to analyse metabolites associated with gut microbes. The company also offers personalised probiotic formulations and nutrition recommendations based on individual gut profiles.

Proof

MicrobioTx launched its Gut Function Test commercially in 2024, following clinical validation and regulatory approval, as reported at launch. In April 2026, it introduced an IBS Risk Score combining microbiome profiling and metabolite analysis.

People

The company was co-founded by Akanksha Gupta, a healthcare professional with pharmaceutical industry experience, and Dr Palok Aich, a microbiome researcher. Their combined expertise spans healthcare commercialisation and scientific research.

Purse

MicrobioTx has received equity backing from Axilor Ventures and research grant support for product development. The funding supports its efforts to translate microbiome research into accessible preventive healthcare solutions.

Plan

The startup aims to expand its microbiome-based solutions to additional health conditions and microbiome sites. It also plans to build adoption in India before pursuing international markets.

Why it matters:

MicrobioTx is working to make precision gut health more accessible by translating microbiome science into practical testing and personalised wellness insights.

FAST FACTS

Category	Details
Company	MicrobioTx Health Pvt. Ltd.
HQ	Bengaluru, Karnataka
Founded	2022
Co-founders	Akanksha Gupta and Dr Palok Aich
Core offering	Gut microbiome testing and personalised wellness
Lead product	Gut Function Test (GFT)

New offering	IBS Risk Score
Technology	AI-driven metabolite analysis
Funding	Equity backing from Axilor Ventures; research grants
Next	Expand into additional health conditions and international markets

Disclaimer: This profile is based on publicly available information and company disclosures. Clinical and regulatory claims should be verified with the company before publication.