Majorbio Cloud 2026 provides comprehensive analysis workflows for microbiome

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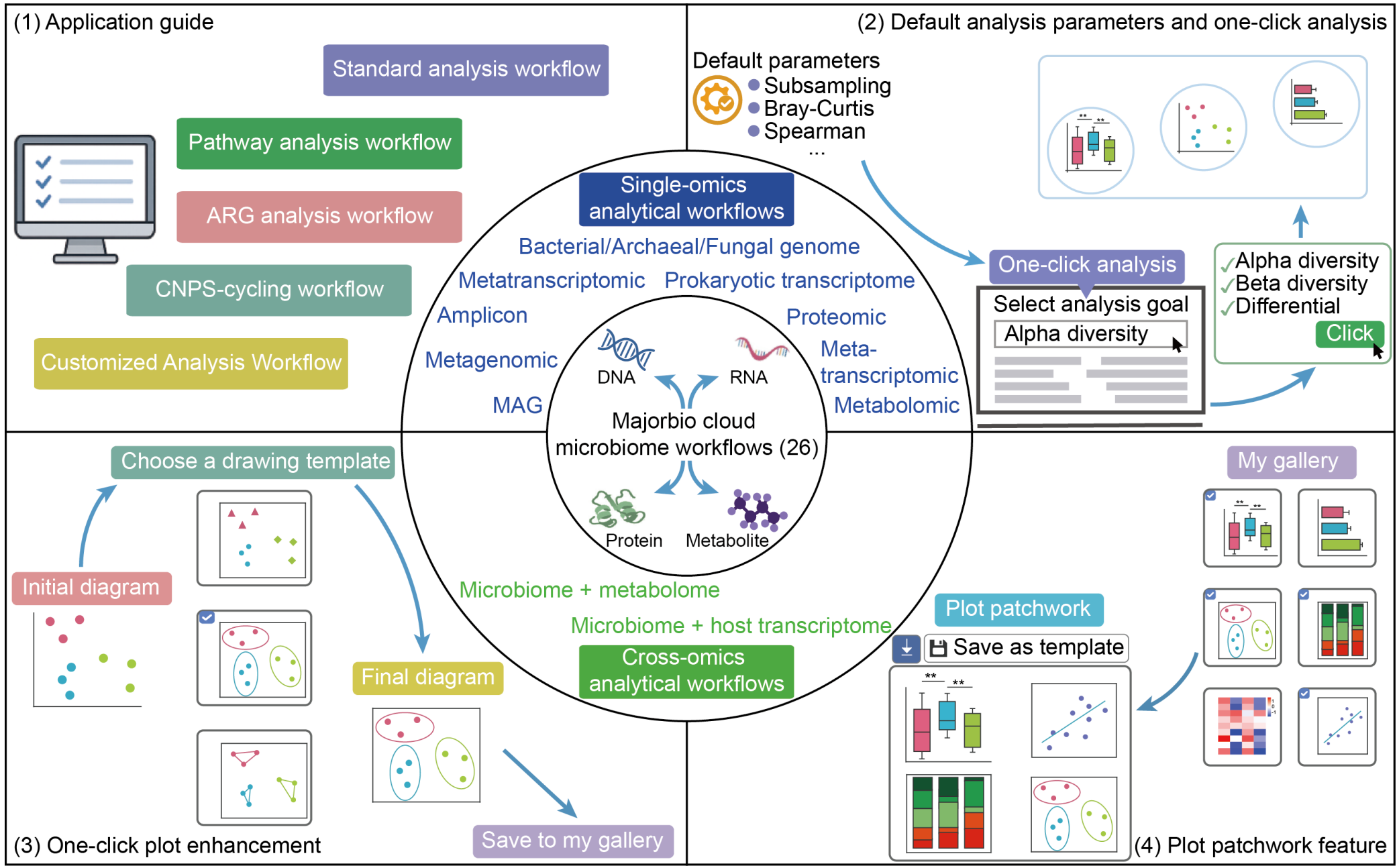
Introduction



Overview of integrated cloud platform for microbiome data analysis

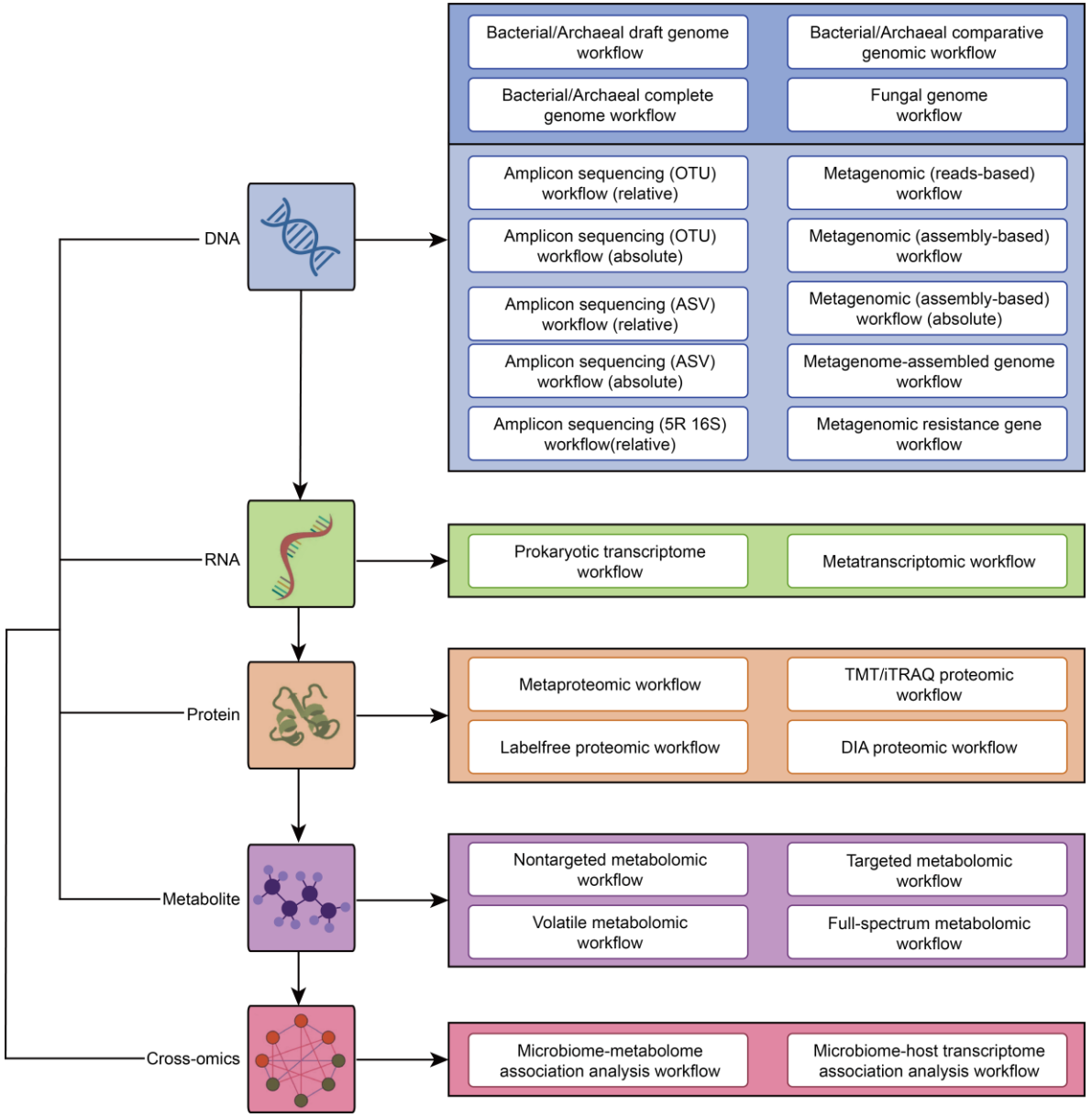


Figure 1. Overview of the integrated cloud platform for microbiome data analysis.

Cloud Workflows for microbiome data analysis

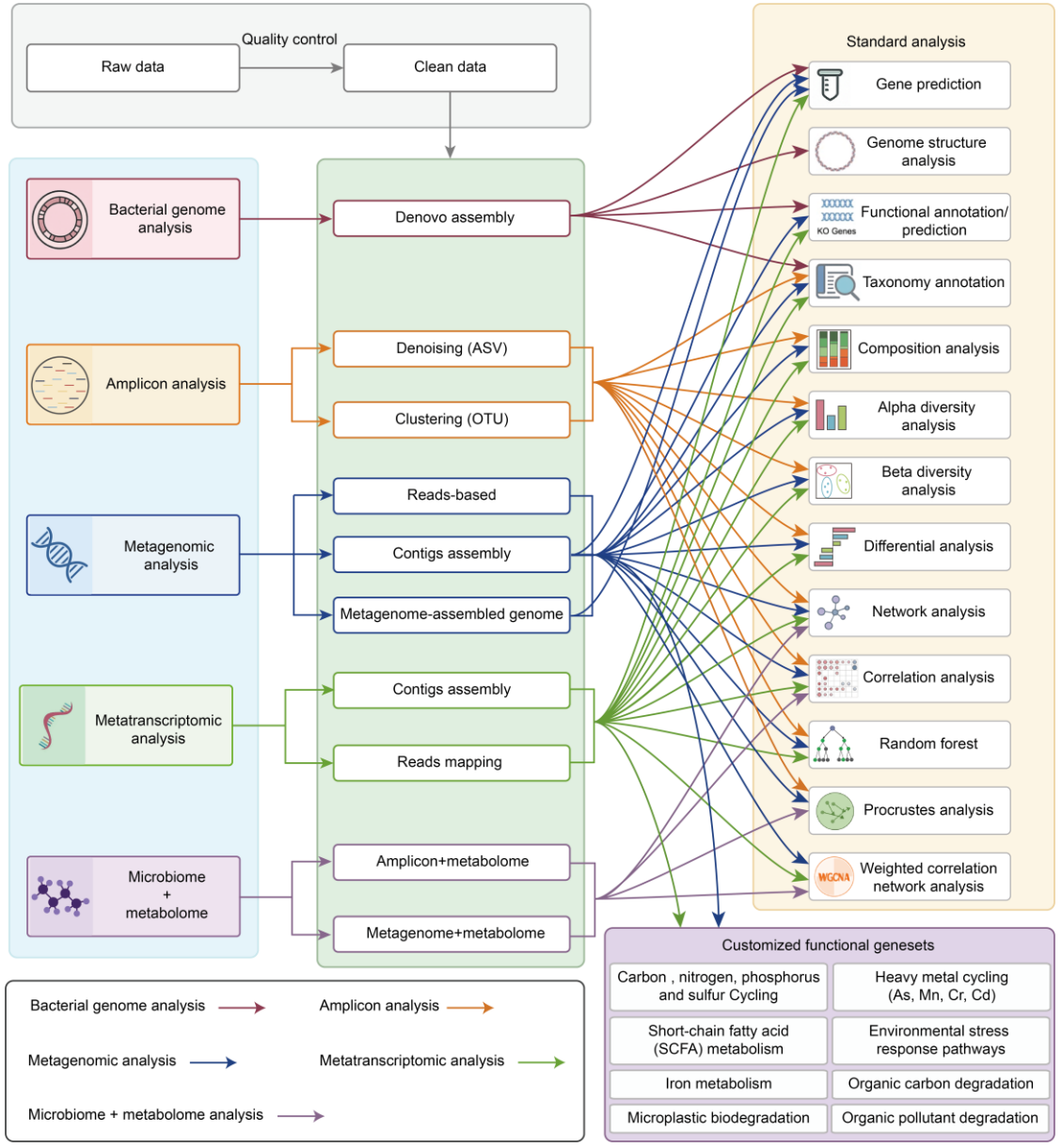


Figure 2. Cloud workflows for microbiome data analysis.

Core Features of the integrated microbiome data analysis platform

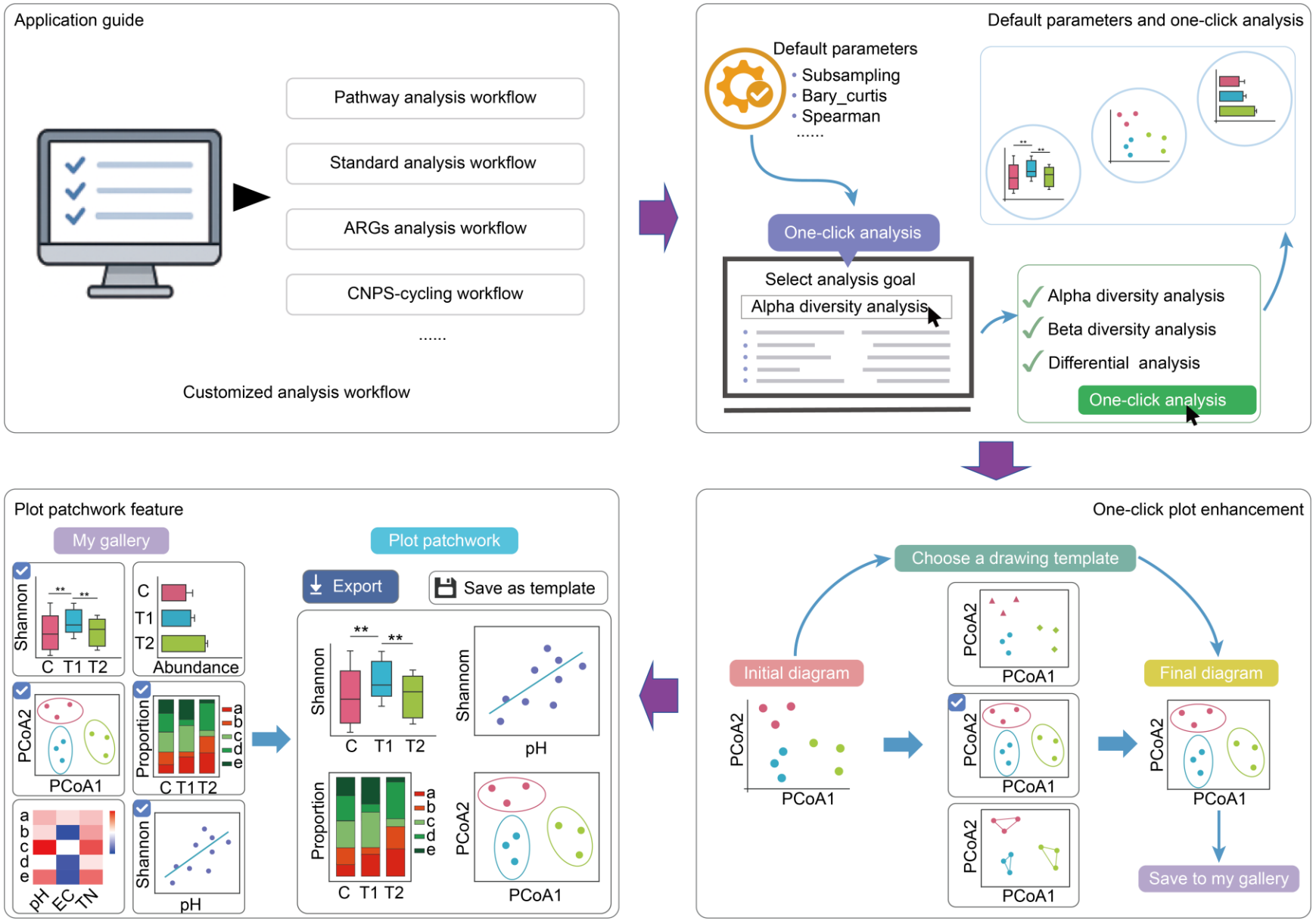


Figure S1. Core features of the integrated microbiome data analysis cloud platform.

Summary

- The integrated microbiome data analysis platform on Majorbio Cloud encompasses 26 analytical workflows, with a core architecture of two modules: single-omics workflows and cross-omics integration and correlation workflows.

- The platform supports multi-scale microbiome research (strain to community levels) and cross-omics analyses spanning DNA, RNA, protein, and metabolite layers.

- The platform offers four key features. It allowing users without advanced bioinformatics expertise to effortlessly conduct in-depth mining and interpretation of microbiome data, which significantly lowers technical barriers and improves analytical efficiency.

- By late 2025, the platform has facilitated over 5,050 scientific publications, accelerating microbiome research advances.

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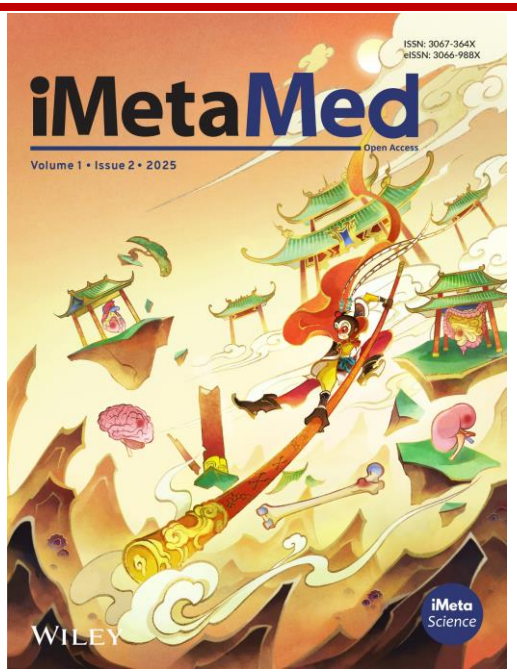

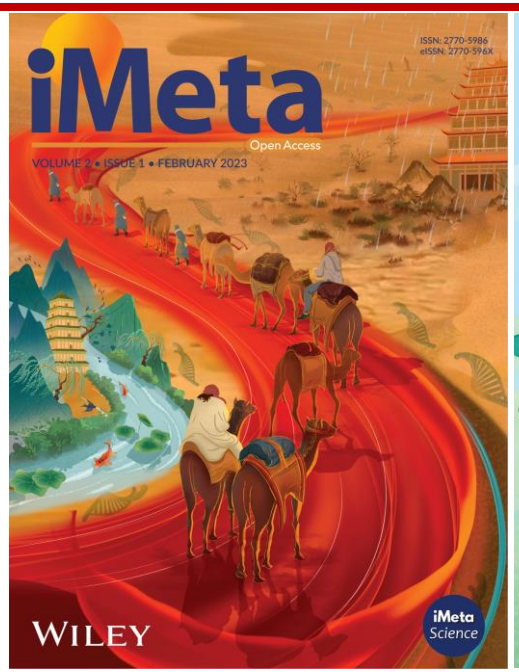

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