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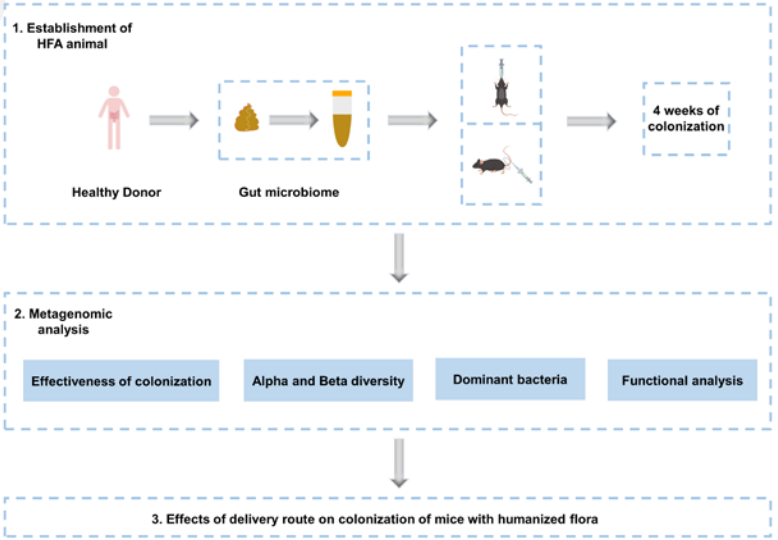
Metagenomic sequencing reveals high reproducibility of human donor microbiota transplanted into germ-free mice via lower gut route

Key words: Fecal microbiota transplantation; Germ-free mice; Lower gut; Gavage; Metagenome

Research Summary

In this study, we explored the reproducibility of recipient-to-donor gut microbiota community structure and function under different transplantation routes.

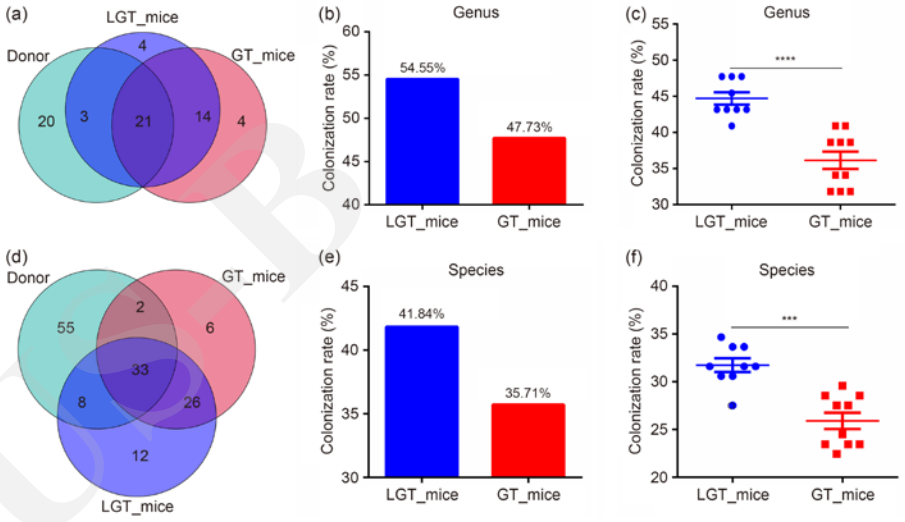
- **The efficiency of microbial colonization**
- **Lower gut transplantation has better donor microbial community and function reproducibility.**



The mice in the image are sourced from Figdraw (https://www.figdraw.com/).

Innovation points

- **Introduction** of the factors influencing microbial colonization



- **Exploring** the efficiency of different transplantation route of colony transplantation for colonization of germ-free mice.

