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Title: Interrogating the microbiome: experimental and computational considerations in support of study reproducibility

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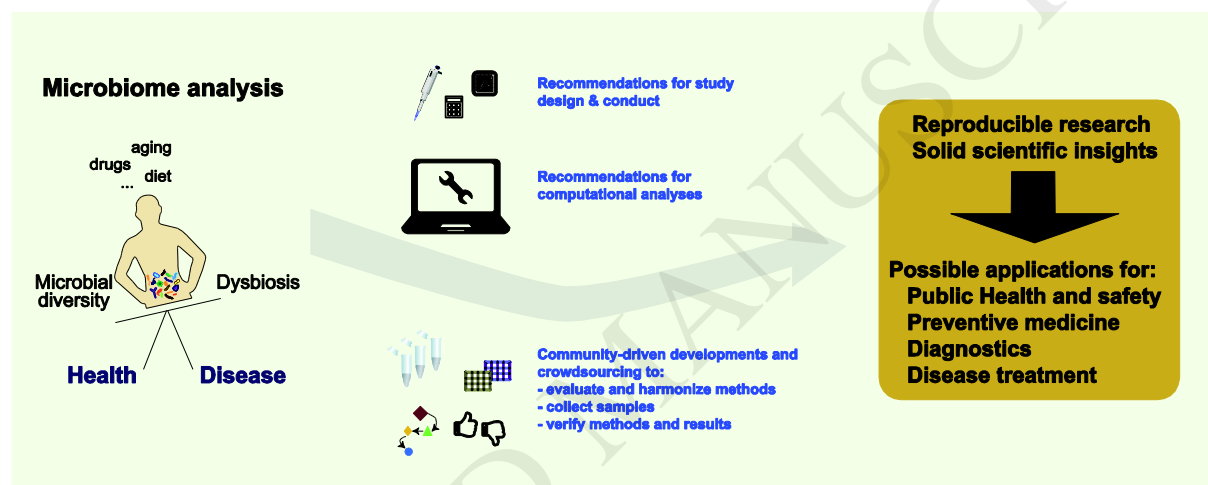
Interrogating the microbiome: experimental and computational considerations in support of study reproducibility

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Graphical Abstract:



Highlights:

- With growing popularity and ubiquity, microbiome studies must become more standardized and reproducible to produce scientifically meaningful conclusions
- This review highlights synergies and study conducts in the metagenomics community to achieve this Holy Grail

Keywords: Microbiome; metagenomics; experimental design; computational analysis; methods; crowdsourcing; reproducibility.

Teaser: With growing popularity and ubiquity, microbiome studies must become more standardized and reproducible to produce scientifically meaningful conclusions. This review highlights synergies and conducts in the metagenomics community to achieve this Holy Grail.

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