

Standardized Studies of the Oral Microbiome: From Technology-driven to Hypothesis-driven

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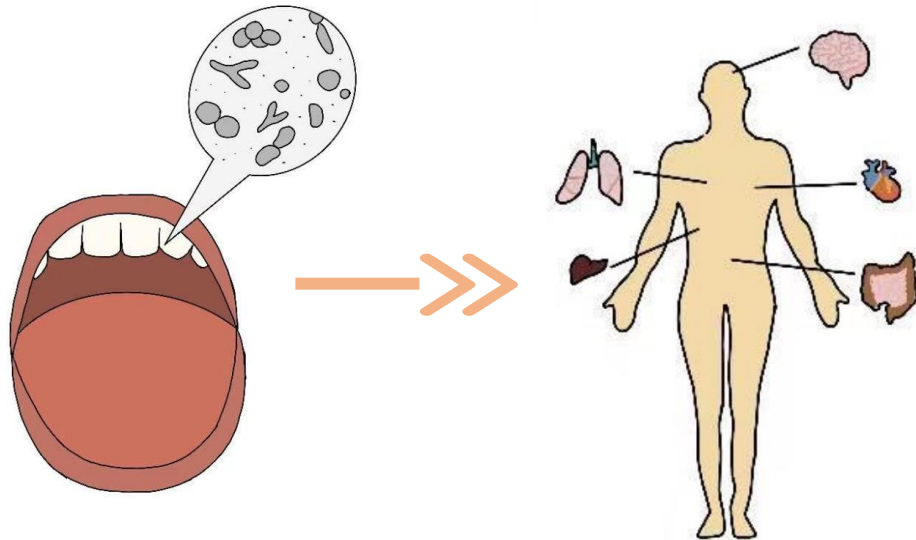


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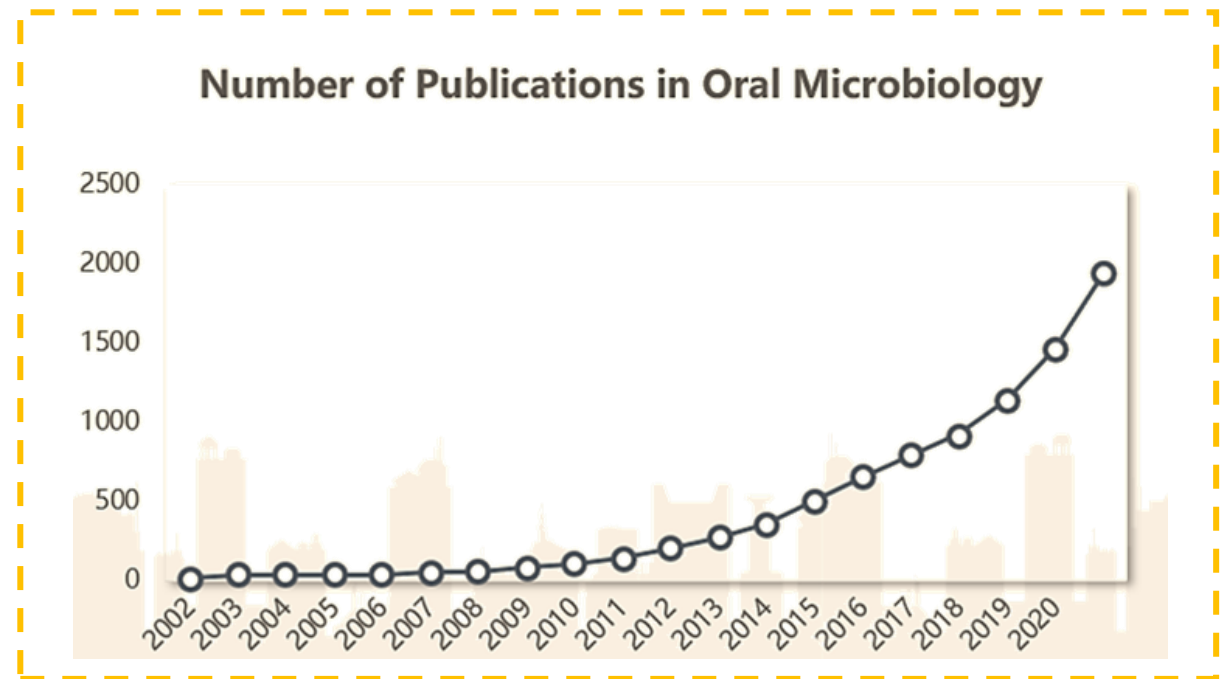
Summary

1 Introduction

- Scholarly attention is drawn to oral microorganisms as a potential risk factor of several oral diseases and systemic diseases.
- Understanding the oral microbiome is essential to explain the disease development.

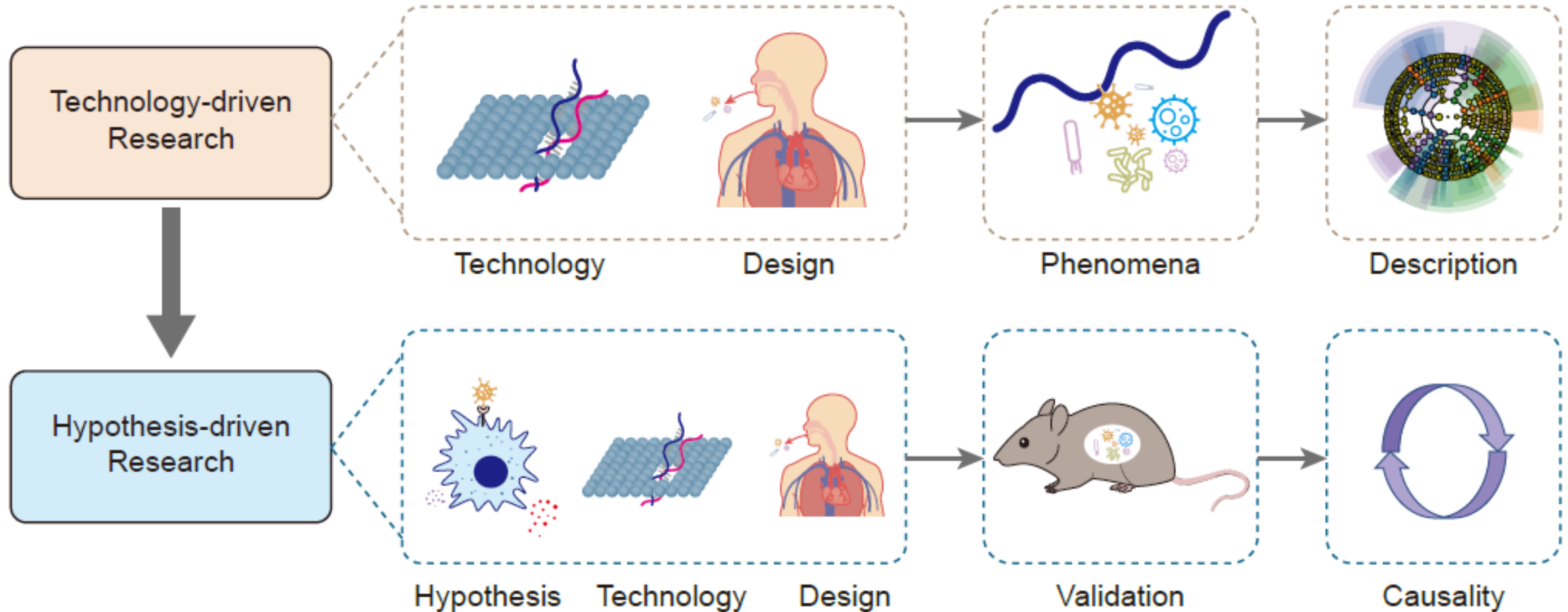


- Recently, the next-generation sequencing (NGS) technology has been adopted in numerous studies.
- This technological trend has pushed the number of publications in sequencing-based oral microbiome to an unprecedented level.



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Summary

2 ***Technology-driven Research Progress***

Technology-Driven Research Progress



Expanded Database



New Methods and Technologies



New Research Populations



New Descriptions of Disease



New Diagnostic Tools and Models

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Summary

3 Hypothesis-driven Research Progress

Hypothesis-Driven Research Progress



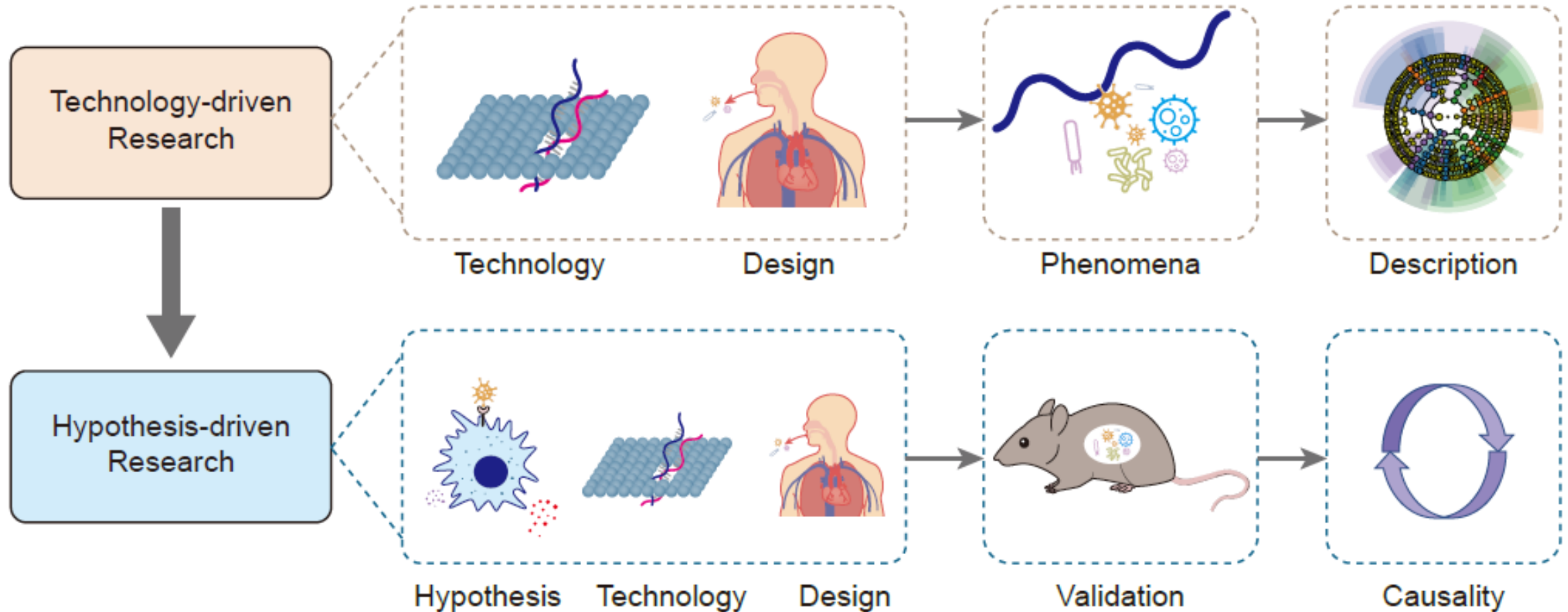
Oral Microbiome in Disease Pathogenesis



Oral Microbiome in Disease Therapy

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Summary

4

Conclusion


- The global research process is now shifting to hypothesis-driven microbiome research.
- The purpose of this review is to guide researchers who want to approach the study of the oral microbiome in the most reasoned and effective way, to speed up the process of oral microbial research.

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Summary

Thank You For Your Attention !

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