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Name of Journal: *World Journal of Methodology*

Manuscript NO: 63302

Manuscript Type: MINIREVIEWS

Looking into the key bacterial proteins involved in gut dysbiosis

Xin-Yu Zeng, Ming Li

Abstract

Purpose of this review

The gastrointestinal microbiota plays a pivotal role in health and has been linked to many diseases. With the rapid accumulation of pyrosequencing data of the bacterial composition, the causal-effect relationship between specific dysbiosis features and

Looking into the key bacterial proteins involved in gut dysbiosis



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2) Antibiotics, **gut** infections, low fiber intake, or stress can all deplete **gut** butyrate, lead to oxygen leakage **into** the **gut**, and promote **gut dysbiosis**. Avoiding antibiotics whenever possible, treating existing **gut** infections, eating plenty of fiber, and managing...

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