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THE IMPACT OF CARNITINE ON DIETARY FIBER AND GUT BACTERIA METABOLISM AND THEIR MUTUAL INTERACTION IN MONOGASTRICS

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Cspecies, and some dietary fibers can reduce the available iron involved in the bioactivity of carnitine. There is also an antagonistic relationship between high microbial populations and carnitine bioavailability. This review shows the interactions between carnitine and gut microbial composition. It also elucidates the role of carnitine bacterial metabolism, mitochondrial function, fiber fermentability, and short chain fatty acids (SCFAs).

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