

The Impact of Halal Food Consumption on Intestinal Flora and Immune System

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This study aims to investigate the effects of halal food consumption on human intestinal flora and the immune system. Today, the consumption of halal food is not limited to religious beliefs but is also considered part of healthy lifestyle and nutrition trends. Our research utilized in vitro models to analyze the impact of halal food consumption on intestinal flora and the potential alterations in immune cell functions. Our study indicates that halal foods cause significant changes in the gut microbiota and positively affect immune cell responses. These findings highlight the beneficial effects of halal food consumption on health and call for more comprehensive studies to better understand the potential role of these foods on human health. This study is among the first to thoroughly examine the effects of halal food consumption on the intestinal flora and immune system, and it could play a significant role in shaping future nutritional policies.

Keywords: Halal Food, Intestinal Flora, Immune System, In Vitro Modeling