



## The Relations between Nutrition and Infectious Diseases at the Epoch of Microbiota

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### Message from the Guest Editors

Dear Colleagues,

Nutrition and human infectious diseases have always been intricately linked. Today, thanks to the next-generation sequencing technologies allowing scientists to identify specific interactions in microbial communities, the microbiota has been emerging as a crucial moderator in the complex interactions between food, our body, and infectious diseases.

Nutrition impacts the development of the human immune system, beginning from the embryonic stage. Additionally, the microbiota plays a fundamental role in the induction, training, and function of the host immune system. Negative effects on the regular development of the immune system compromise its defense against pathogens. Likewise, if food has microbial contamination it can influence the emergence of infectious diseases (e.g., gastrointestinal infections), intestinal diseases (e.g. microbial diarrhea), food poisoning (botulism), and systemic infectious diseases (brucellosis and typhoid).

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*Guest Editors*





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