



Gut Microbiome and Aging 2.0

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Message from the Guest Editor

Dear Colleagues,

Aging is a natural and multifactorial process for all living organisms, involving a decline in physiological functions of the host. The aging process affects the gut microbiome in particular as it is accompanied by changes in gastrointestinal (GI) physiology, predisposing a myriad of GI and metabolic disorders. The development of next-generation sequencing and metagenomics has provided insight into the function of the aging microbiome. However, research on aging and the microbiome in general has many unresolved questions regarding whether any generalizable changes can be observed in normal/healthy ageing. The objective of this Special Issue is to provide a common platform for researchers and clinicians working on human and animal research to exchange updated information. This Special Issue will consider reviews and research manuscripts ranging from laboratory to animal and human studies.

Keywords: aging; gut microbiome; virome; mycobiome; archaeome; deits; probiotics/synbiotics; fecal microbial transplants; fecal viral transplants; genome-scale metabolic modeling; immune system





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Message from the Editor-in-Chief

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