Special Issue

Microbiota and Aging

Message from the Guest Editors

Evidence now suggests the occurrence of age-related changes in both the diversity and quality of our gut microbiota, and these changes can affect the healthy aging process in animal models. Moreover, age-related microbial diversity changes are associated with increased frailty and reduced cognitive performance. These findings suggest that the microbiota–gut–brain axis is affected in age-related diseases and the underlying pathogenesis. This Special Issue focuses on aspects of the aging gut and interventions aimed at addressing aging though the gut microbiota and the associated co-metabolism that ensues. We look forward to receiving your contributions.

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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