

Special Issue

Structure and Function of the Microbiota in Domestic Environments

Message from the Guest Editor

The domestic environment is a place where infections frequently occur and infection chains need to be controlled and broken by antimicrobial hygiene measures. In contrast, a depletion of microbial diversity in the built and domestic environment is supposed to contribute to an increasing prevalence of allergy and asthma in industrialized countries. Moreover, the unreasonable use of antimicrobial and disinfecting agents for household cleaning might select for resistant and extremophilic species. Probably, a successful management of the domestic microbiome for the sake of human health will require a well-balanced mixture of antimicrobial and “probiotic” measures. The aim of this special issue is to increase and collect knowledge about the composition and functionality of the microbiome of domestic environments as well as smart microbiome management strategies to sustain and increase human health and well-being in the domestic environment.

Guest Editor

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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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