

Special Issue

HIV Infections: Comorbidities, Clinical Challenges, and Antiretroviral Advances

Message from the Guest Editors

As people living with HIV age, cardiometabolic disease, neurocognitive impairment, malignancies, mental health conditions, and frailty increasingly shape clinical outcomes. These comorbidities intersect with antiretroviral therapy through chronic inflammation, polypharmacy, drug–drug interactions, and adherence constraints, revealing gaps in screening, risk stratification, and models of care. This Special Issue centers on the interface between comorbidities and ART, and the practical challenges clinicians face across diverse settings. We invite submissions that characterize comorbidity phenotypes and trajectories, quantify excess risks, and evaluate preventive and therapeutic strategies, including long-acting regimens, treatment simplification, and regimen switching, while also addressing implementation barriers and health inequities. Eligible contributions include randomized and pragmatic trials, cohort and registry analyses, real-world evidence, translational studies on biomarkers and immune activation, pharmacology and interaction studies, decision-analytic modeling, and qualitative research centered on patient experience.

Guest Editors

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About the Journal

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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