Special Issue

Current Updates and Advances in Hemodialysis

Message from the Guest Editor

Hemodialysis is a key treatment for end-stage kidney disease and severe acute kidney injury. Despite advancements in technology, patient care protocols, and outcomes, challenges like vascular access, dialysis adequacy, quality of life, and long-term complications remain. This Special Issue aims to explore the latest advancements in hemodialysis, focusing on cuttingedge research and new technologies. Topics of interest include, but are not limited to, innovative dialysis techniques, new dialysis membranes, dialysis-related complications, and patient-centered care. Recent studies highlight promising innovations, such as biocompatible membranes, wearable dialysis devices, and personalized treatment regimens. Research on dialysis adequacy, optimal timing, and individualized strategies is advancing rapidly, alongside efforts to reduce morbidity and mortality. Breakthroughs in vascular access and monitoring technologies are poised to transform clinical practice. We invite original research articles, clinical studies, and reviews that address the latest advancements and trends in hemodialysis, focusing on improving patient outcomes and the dialysis process.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine*'s (*JCM*) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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