Special Issue

Advances in Kidney Injury

Message from the Guest Editor

Kidney injury represents a continuously evolving area of research in nephrology and medicine. These advancements focus on early identification, understanding of pathophysiological mechanisms, and the development of new management strategies for acute and chronic kidney injuries. The advancement of artificial intelligence (AI) studies is likely to revolutionize our understanding of early biomarkers and advanced imaging. Innovations include targeted therapies and personalized approaches to optimize patient outcomes. Ongoing research in this field holds promise for significantly improving the early diagnosis, treatment, and prognosis of kidney injuries, with benefits for patients. Researchers are invited to submit their latest findings and results as full-length articles or reviews, focusing on various topics such as novel approaches to acute kidney injury, strategies for prevention and treatment, mechanisms underlying tissue repair and progression from acute to chronic disease, and the impact of acute injuries on chronic dysfunction. Additionally, submissions discussing the emerging role of AI in prediction, diagnosis, and prognosis definition are highly encouraged.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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