

Special Issue

Application of Bio-Molecular Sciences in Peritoneal Dialysis

Message from the Guest Editor

The main aim of this special issue of *International Journal of Molecular Science* is to provide an update about current knowledge and future perspectives for the treatment of metabolic alterations occurring in ESKD patients. More specifically, we will focus on the recent promising insights about PD that may improve further dialysis efficacy, reducing local and systemic side effects of this treatment.

Potential Topics:

- Sodium and water in peritoneal dialysis: Mechanisms and solutions
- Hyperkalemia in End Stage Kidney Disease: the role of novel therapies.
- Mineral Bone disease in End Stage Kidney Disease: “Klotho and his brothers”.
- HIF stabilizers in End Stage Kidney Disease: “every promise is a debt”
- Fibrosis of peritoneal membrane: target of new therapies in peritoneal dialysis?
- Glucose load and Insulin-sensitivity in peritoneal dialysis
- MicroRNAs in dialysis: What future?
- Proteomics in End Stage Kidney Disease: is there room for it in Nephrology?

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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