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## Analysis and Applications of Uremic Animal Models

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Deadline for manuscript submissions:

**closed (1 December 2022)**

### Message from the Guest Editors

Uremic animal models are crucial for biomedical research into acute and chronic kidney disease as an intermediate between in vitro studies and human trials, since they may offer valuable information about pathophysiological mechanisms and are indispensable for assessing the efficacy and safety of novel drugs, biomaterials, and medical devices for kidney disease. Selecting a suitable model is essential to obtain data that can be extrapolated to the human situation. While mouse models are pivotal for genetically engineered models for elucidating gene function in kidney failure, large uremic animal models are required for preclinical testing of novel dialysis technologies. The aim of this Special Issue is to offer a platform, both for clinicians and basic researchers, to present and discuss novel aspects of uremic animal models. We do hope that all published papers will significantly improve knowledge on uremic animal models and will help in selecting the best model for a certain purpose which will contribute to replacement, reduction, and refinement in animal use.



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## Message from the Editor-in-Chief

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