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## Membrane Bioreactors: Recent Advancements, Current Challenges and Future Opportunities

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### Message from the Guest Editors

Dear Colleagues,

Membrane bioreactors (MBRs), which integrate biological processes and membrane separation processes, have been extensively used in wastewater treatment. MBRs offer many advantages compared to conventional activated sludge (CAS) processes, such as superior water quality, small footprint, reduced active sludge disposal, and fine control of sludge retention time (SRT). In the past decades, MBRs have achieved tremendous advancements from the original aerobic microfiltration/ultrafiltration (MF/UF)-MBR configuration to various new configurations including anaerobic-MBR, osmotic-MBR (OMBR), NF-MBR, MD-MBR, extractive MBR (EMBR), etc. This Special Issue aims to highlight the recent advancements on MBR technology and discuss the challenges and opportunities in the future development of MBRs in water-related industries.

Deadline for manuscript submissions:

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## Message from the Editor-in-Chief

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