



Editorial Note

Journal of Membrane Science and Research

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Nowadays, the global population growth together with increased industrial activities has caused a rapid rise in water consumption and wastewater production followed by concerns about water scarcity and environmental pollution. Therefore, there is a requirement for energy and cost efficient water and wastewater treatment technologies that bring about the standard criteria for discharge of wastewater into the environment as well as providing reclaimed water with desired quality. With respect to the value of pollution indices, reclaimed water can be used in applications such as irrigation and ground water recharge. In this regard, a lot of attention has been paid to membrane processes because of their interesting advantages in comparison with many traditional water and wastewater treatment technologies. In addition to water and wastewater purification, membranes have been widely used in many industrial applications.

It has been a long time since the introduction of membranes and membrane processes with a great deal of research studies conducted in this field and innovations which have been put forward. Despite the fact that the membrane research is quickly maturing, the need for membranes with characteristics such as increased permeability and rejection values, lower fouling, and improved chemical and thermal properties has been the driving factors for the ongoing studies on membranes.

The *Journal of Membrane Science and Research (JMSR)* is an open access journal without any processing fee which welcomes the findings of academic and industrial studies on membranes and membrane processes. The objective of JMSR is to publish up to date and original research and review papers on membranes and membrane processes with emphasis on membrane structure and performance. This issue brings together another collection of interesting papers from researchers across the globe.