

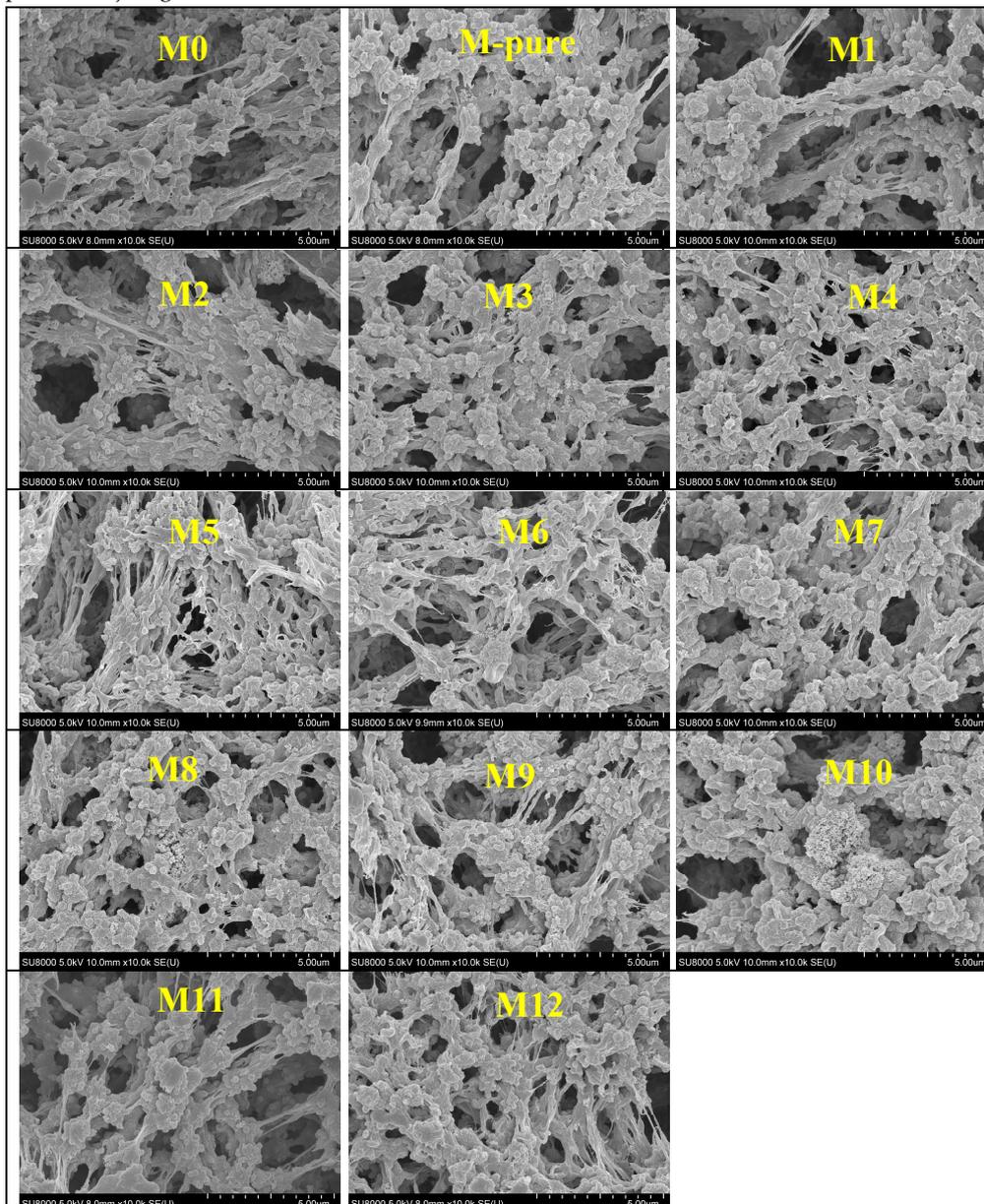
# Improvement of membrane distillation using PVDF membrane incorporated with TiO<sub>2</sub> modified by silane and optimization of fabricating conditions

FidaTibi<sup>1</sup>, Seong-Jik Park<sup>2</sup> and Jeonghwan Kim<sup>1,\*</sup>

<sup>1</sup> Department of Environmental Engineering, Program in Environmental and Polymer Engineering, Inha University, Inharo 100, Michuholgu, Incheon, Republic of Korea; tibifida7@gmail.com

<sup>2</sup> Department of Bioresources and Rural System Engineering, Hankyong National University, Anseong 17579, Korea; parkseongjik@hknu.ac.kr

\* Correspondence: jeonghwankim@inha.ac.kr; Tel.: 82-32-860-7502



**Figure S1:** SEM images of PVDF membranes prepared at different polymer, TiO<sub>2</sub> and silane concentrations.