

**Auto-cleaning functionalization of polyvinylidene fluoride membrane by biocidal
Oxine/TiO₂ nanocomposite for antimicrobial and antibiofouling properties**

Ranjith Kumar Manoharan, Sivasankaran Ayyaru, Young-Ho Ahn †

Department of Civil Engineering, Yeungnam University, Gyeongsan, 38541, Republic of
Korea

†Corresponding author: E-mail: yhahn@ynu.ac.kr. Phone: +82-53-810-3511, Fax: +82-53-
810-4622

Supplementary Materials

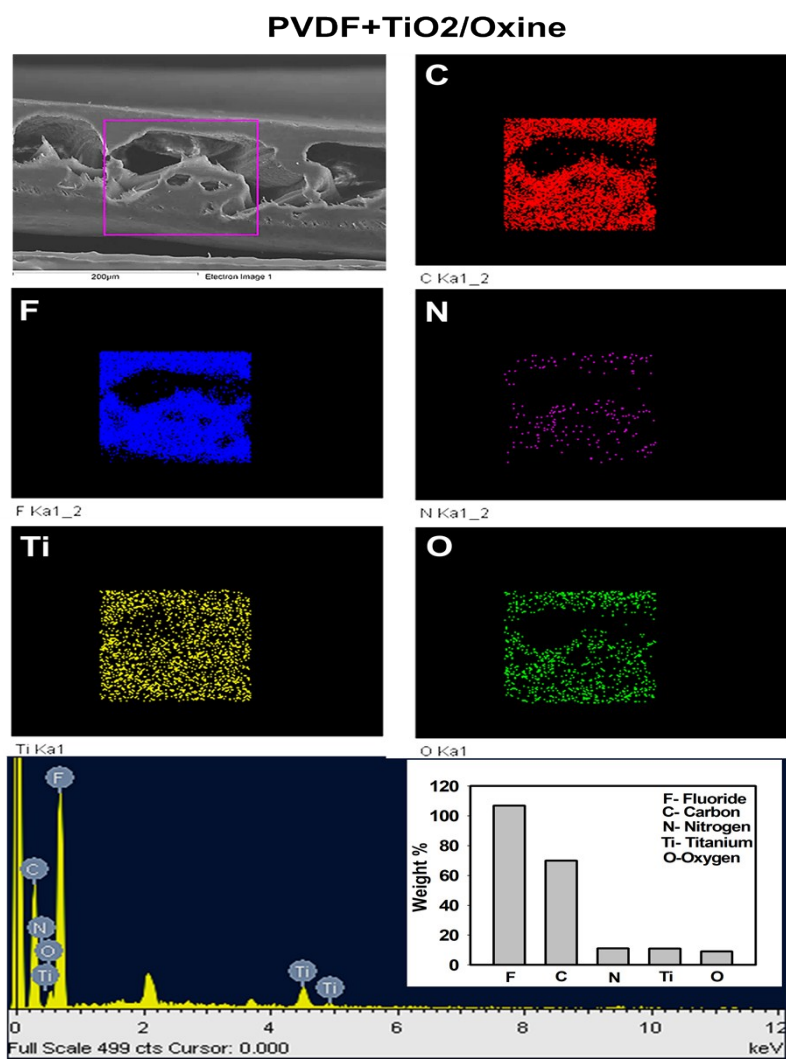


Figure S1. Element analysis of functionalized membrane