

Biopolymeric $\text{Ni}_3\text{S}_4/\text{Ag}_2\text{S}/\text{TiO}_2$ /calcium alginate aerogel for the decontamination of pharmaceutical drug and microbial pollutants from wastewater

Rajeev Kumar ^{a,*} Mohammad Oves^b, Mohammad Omaish Ansari^c, Md Abu Taleb,^a M. A. Barakat^{a*},

M.A. Alghamdi^a and N. H. Al-Makishah^a

^aDepartment of Environmental Sciences, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah-21589, Saudi Arabia

^bCentral of Excellence in Environmental Studies, King Abdulaziz University, Jeddah, Saudi Arabia

^cCentral of Nanotechnology, King Abdulaziz University, Jeddah, Saudi Arabia

*Corresponding Author; R. Kumar; Email: rsingh@kau.edu.sa

M. A. Barakat; Email: mabarakat@gmail.com

Morphological Analysis

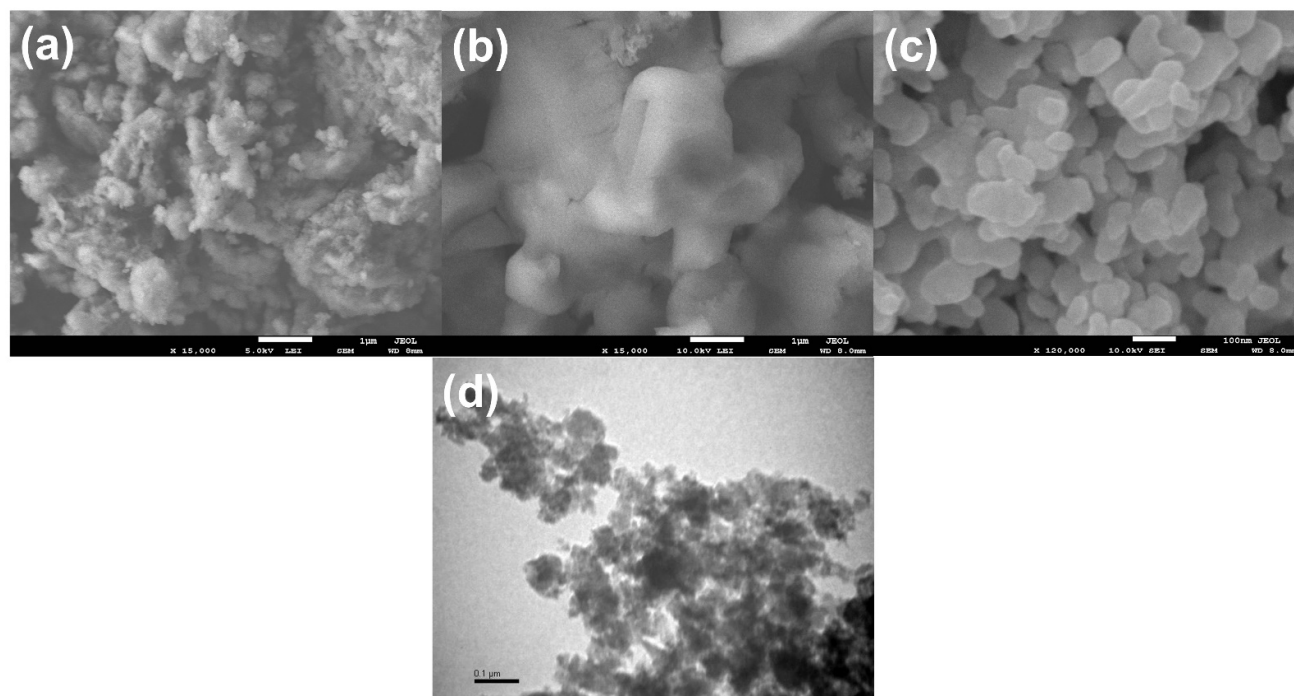


Figure S1. SEM image of modified TiO_2 (a), Ni_3S_4 (b) and Ag_2S (c). TEM image of modified TiO_2 (d).