

Characterization and antimicrobial activity of chitosan-selenium nanocomposite biosynthesized using *Posidonia oceanica*

Supplementary materials

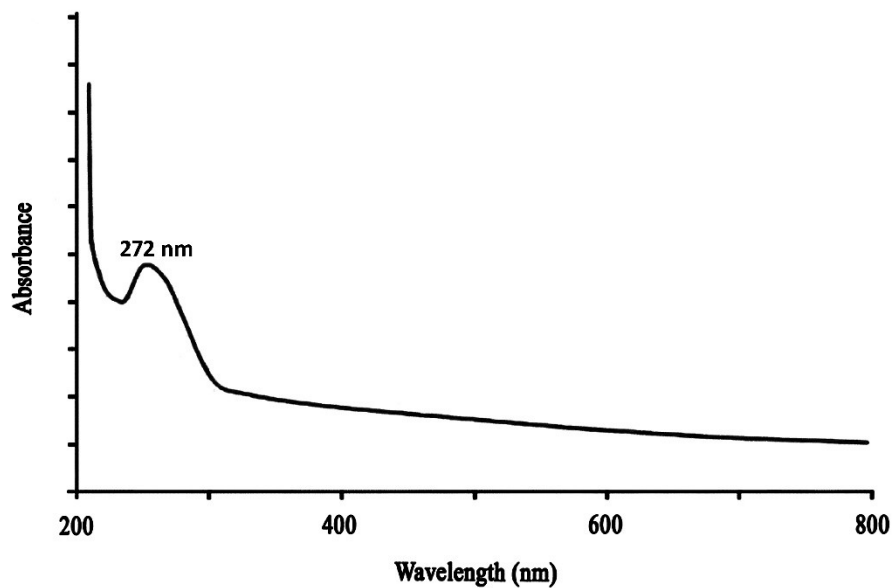


Fig 1-S. The UV-vis spectra of synthesized SeNPs using *Posidonia oceanica* extract

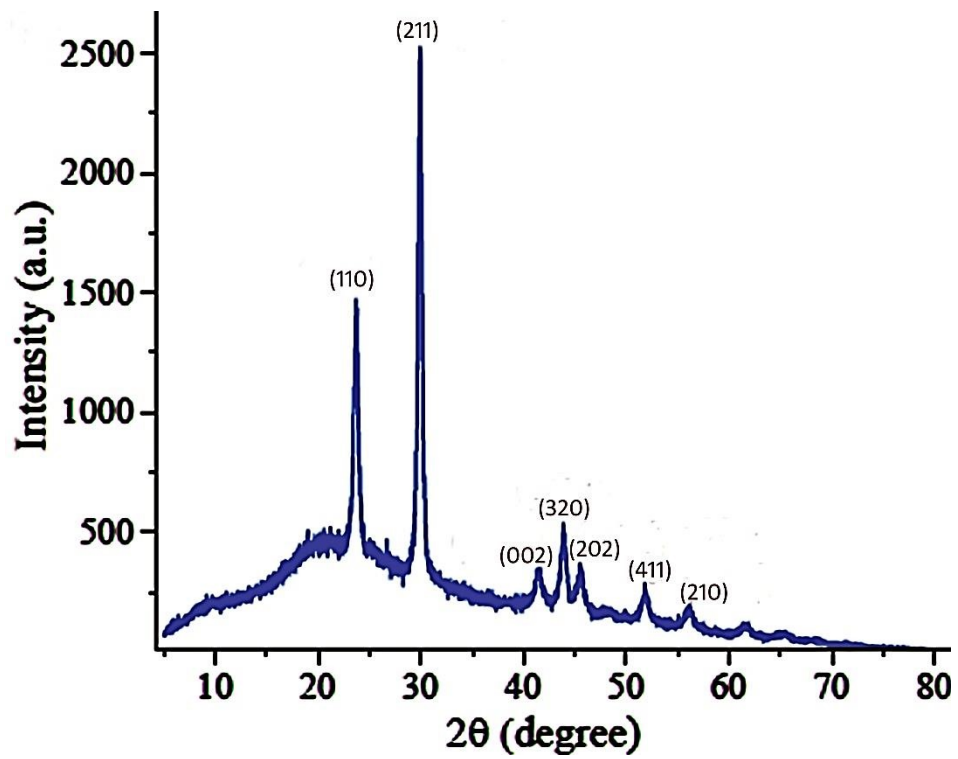


Fig 2-S. The XRD spectrum of synthesized SeNPs using *Posidonia oceanica* extract

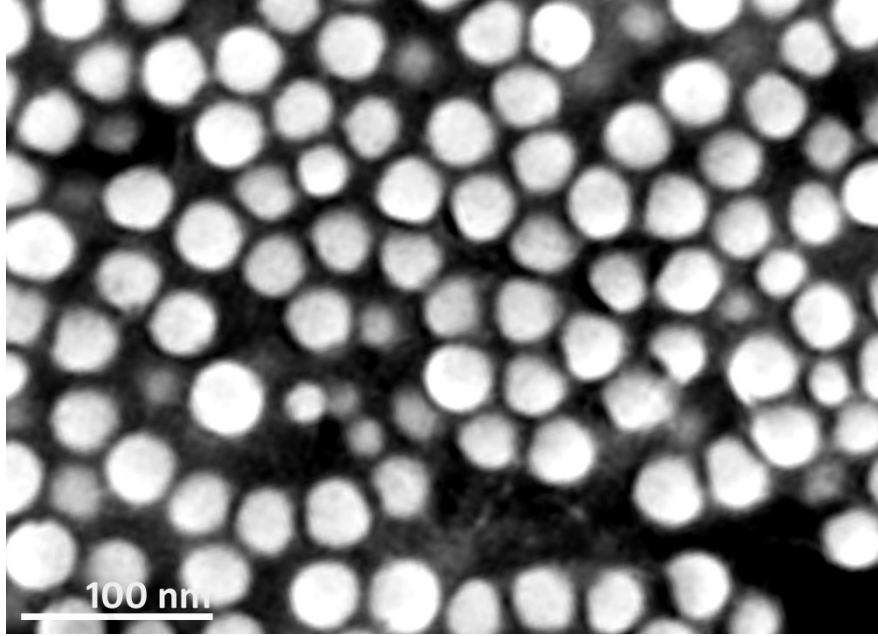


Fig 3-S. The SEM imaging of plain synthesized SeNPs using *Posidonia oceanica* extract

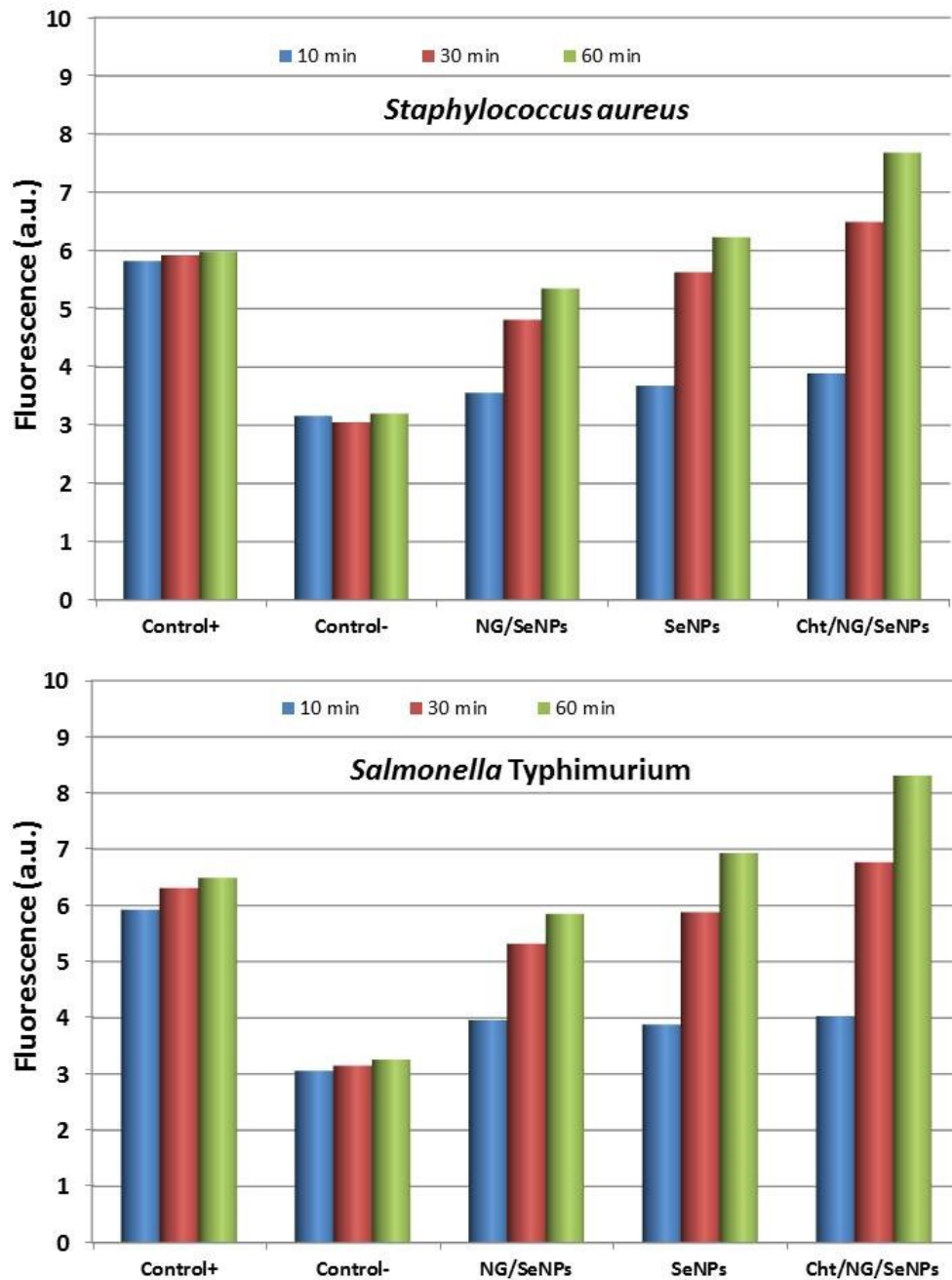


Fig 4-S. The ROS generation from nanomaterials (plain SeNPs, *Posidonia oceanica* extract synthesized SeNPs and their mixture with nanochitosan) compared to control⁺ (ROS-UP of the kit) and control⁻ (2% DMSO solution), after 10, 30 and 60 min of incubation