

# Biowaste derived graphene quantum dots interlaced with SnO<sub>2</sub> nanoparticles – A dynamic disinfection agent against *Pseudomonas aeruginosa*

Anu N Mohan<sup>a\*</sup> and Manoj B<sup>a</sup>

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## Supplementary Information

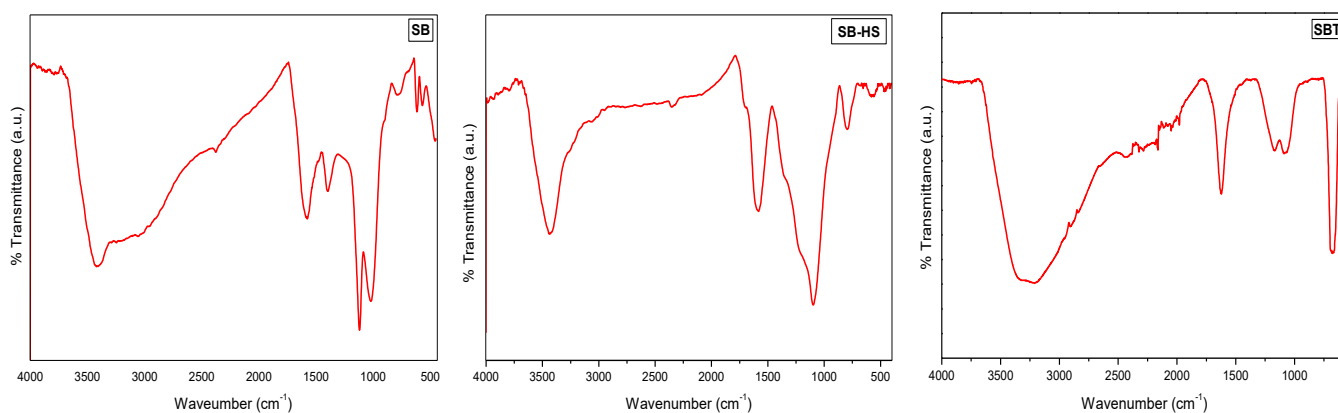


Figure S1: FTIR spectra of SB, SB-HS and SBT

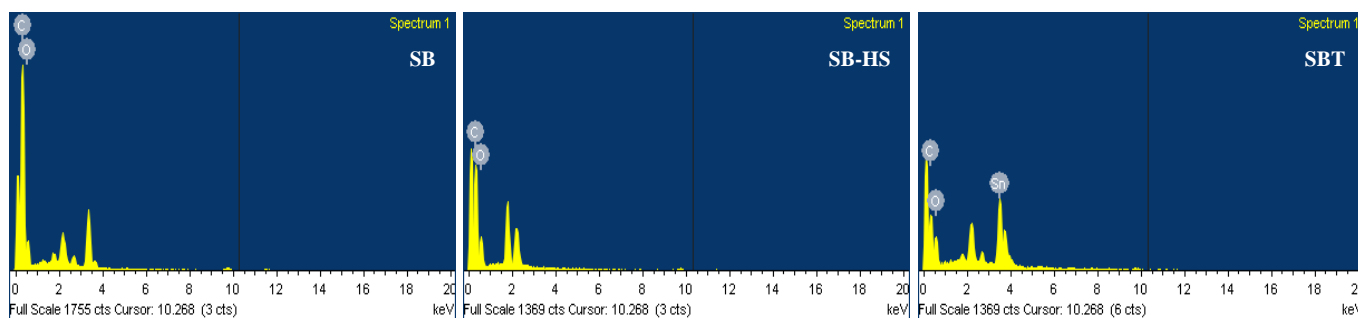


Figure S2: EDS spectra of SB, SB-HS and SBT

<sup>a</sup> Materials Science Research Laboratory, Department of Physics and Electronics, CHRIST (Deemed to be University), Dharmaram P. O., Bengaluru-560029, Karnataka, India.

† \*Corresponding Author - Email: anumohan@gmail.com

Electronic Supplementary Information (ESI) available: [Supplementary File].

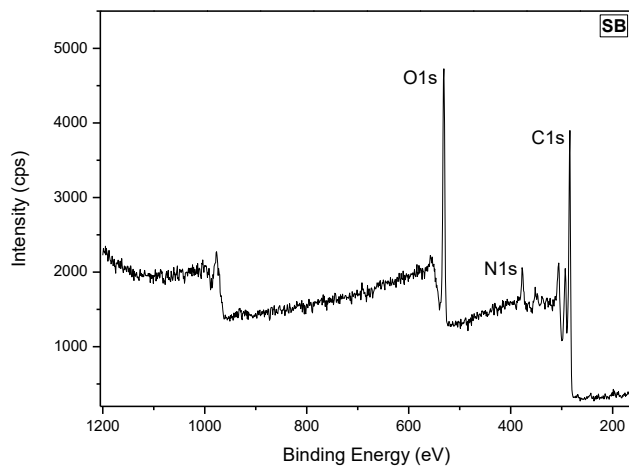


Figure S3: XPS spectra of SB

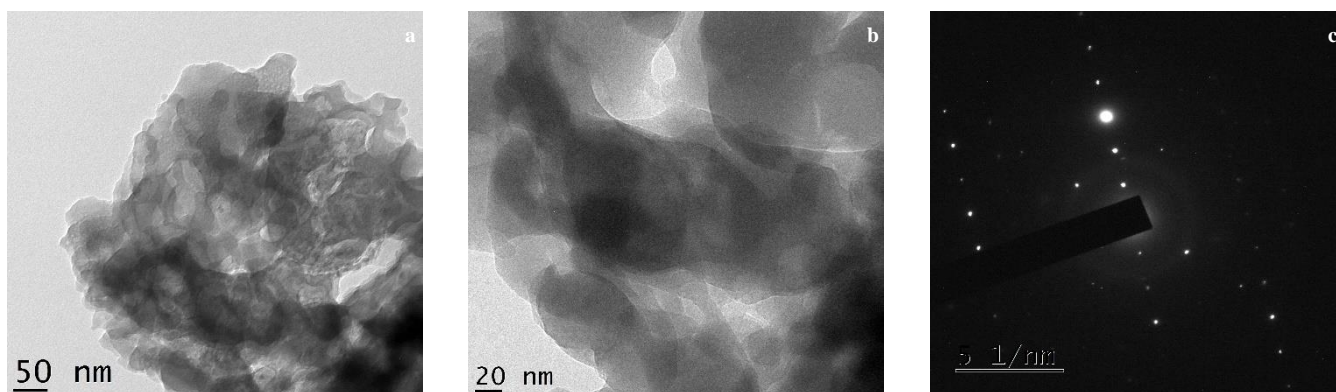


Figure S4: (a-b) HRTEM images and (c) SAED pattern of SB

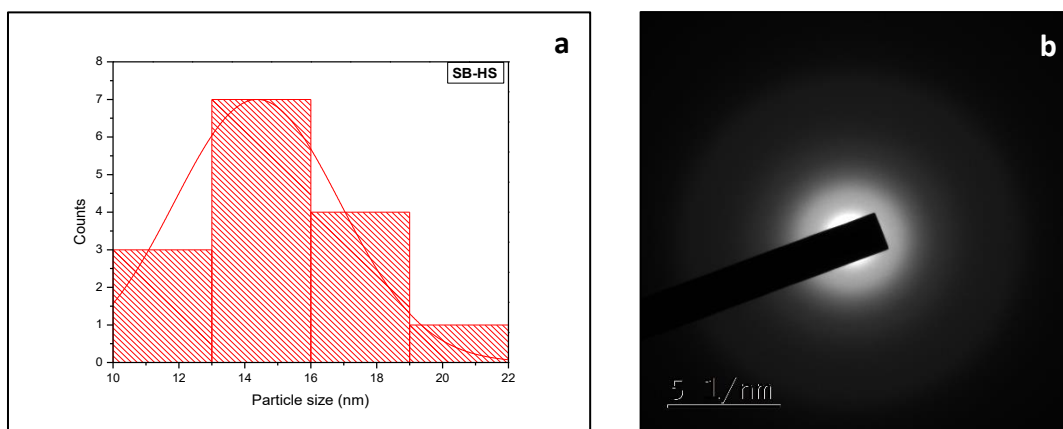


Figure S5: (a) Particle size histogram and (b) SAED pattern of SB-HS

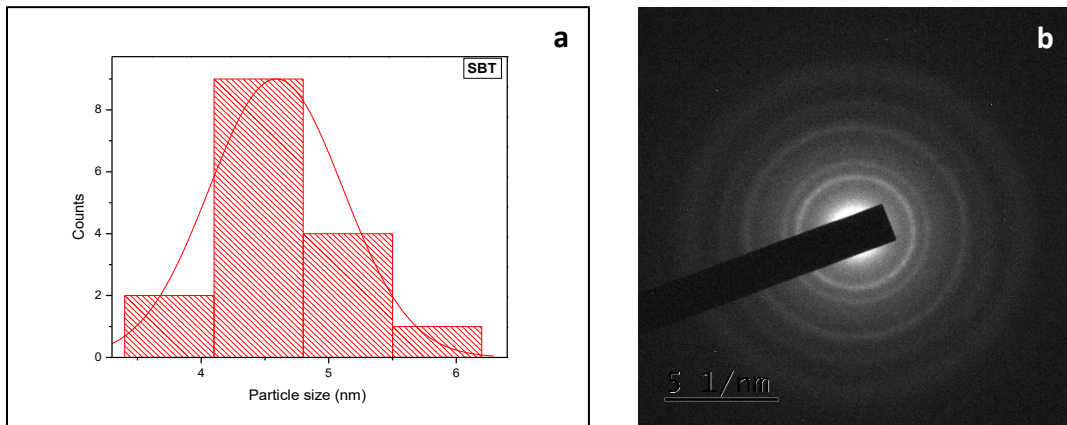


Figure S6: (a) Particle size histogram and (b) SAED pattern of SBT

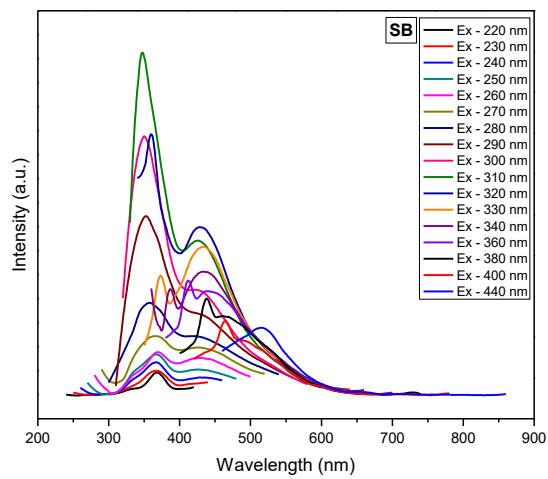


Figure S7: PL spectra of SB