

Supporting information

Synthesis, characterization and investigation of synergistic antibacterial activity and cell viability of silver-sulfur doped graphene quantum dots (Ag@S-GQDs) nanocomposite

Sachin Kadian¹, Gaurav Manik^{1,*}, Neeladrisingha Das³, Poonam Nehra², Rishi Pal Chauhan² and Partha Roy³

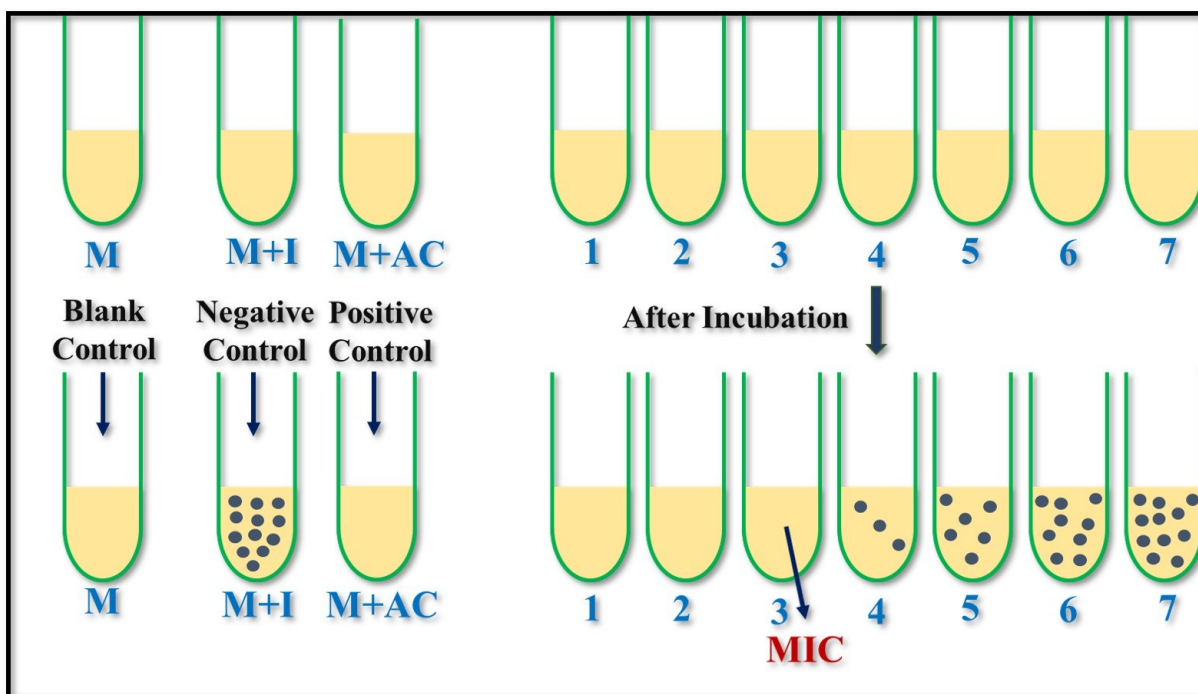
¹Department of Polymer and Process Engineering, Indian Institute of Technology Roorkee, Uttarakhand, India

²Department of Physics, National Institute of Technology Kurukshetra, Haryana, India

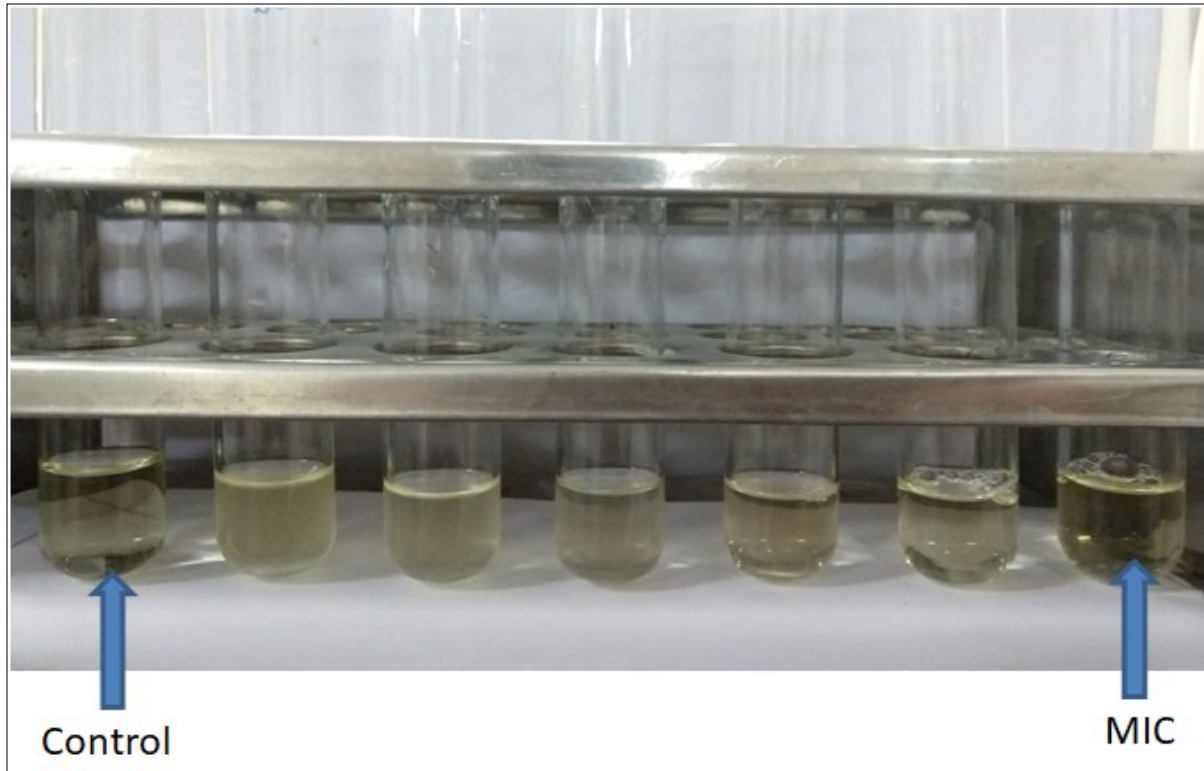
³Department of Biotechnology, Indian Institute of Technology Roorkee, Uttarakhand, India

First author e-mail id: skadian@pe.iitr.ac.in, sachinkadian68@gmail.com

*Corresponding author e-mail id: manikfpt@iitr.ac.in, gauravmanik3m@gmail.com

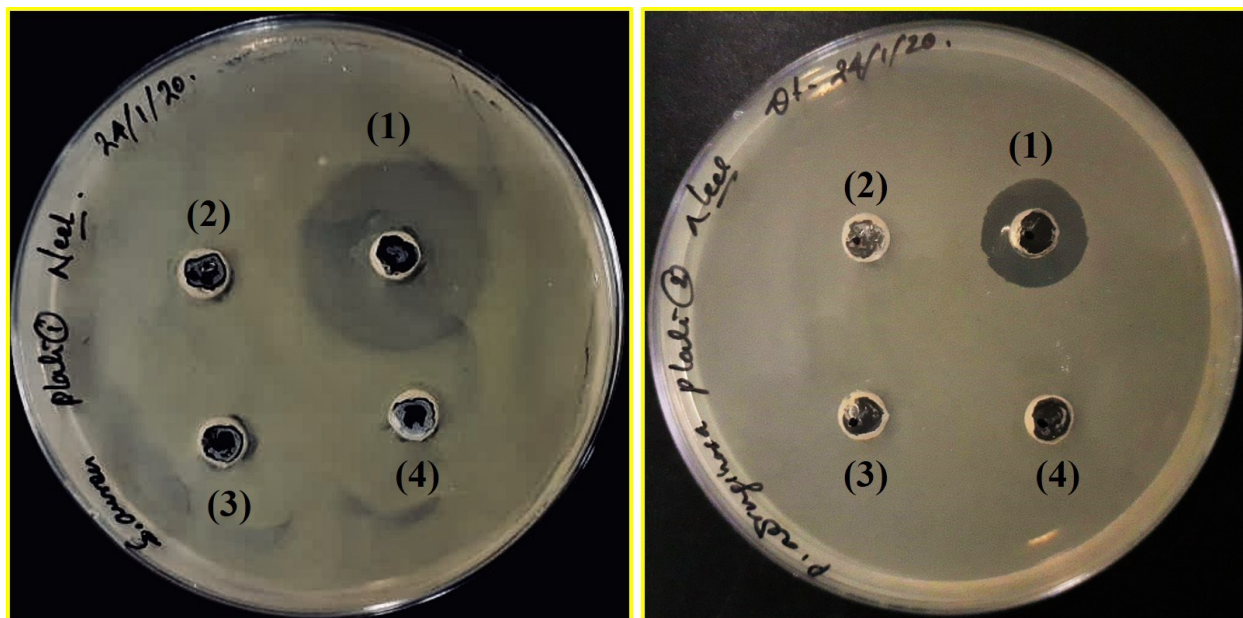


Scheme S1: Schematic illustration of MIC calculation through macrodilution method.



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16 **Figure S1: Real-time image of experimental set-up of MIC calculation through**
17 **macrodilution method.**



(a)

(b)

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19 Figure S2: Zone of inhibition produced by Ag@S-GQDs nanocomposite (1), AgNPs (2),
 20 S-GQDs (3) and negative control (4) against (a) *Staphylococcus aureus* and (b) *Pseudomonas*
 21 *aeruginosa* bacterial strain.