

Article

Antimicrobial Oleogel Containing Sustainably Prepared Silver-Based Nanomaterials for Topical Application

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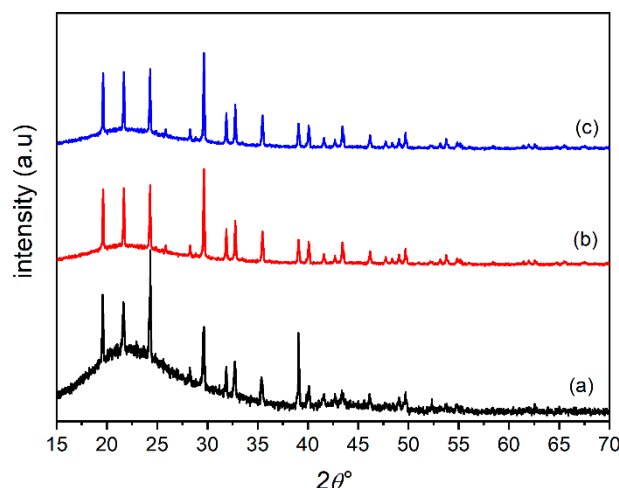


Figure S1. XRD of Cab-O-Sil/AgNO₃ physical mixture (a), Cab-O-Sil-Ag (b) and Cab-O-Sil-Ag-irr (c). The reflections are ascribable to orthorhombic phase of AgNO₃ (COD 1509468).

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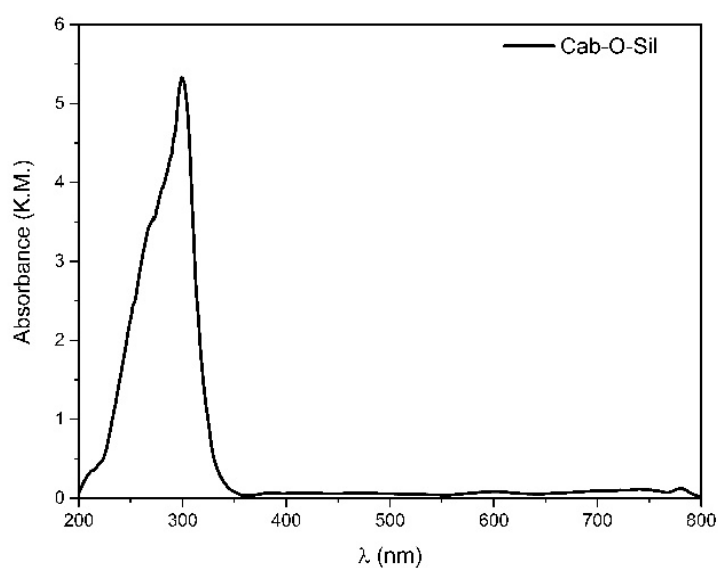


Figure S2. UV-Vis absorbance spectrum of Cab-O-Sil solid powder in Kubelka-Munk unit.

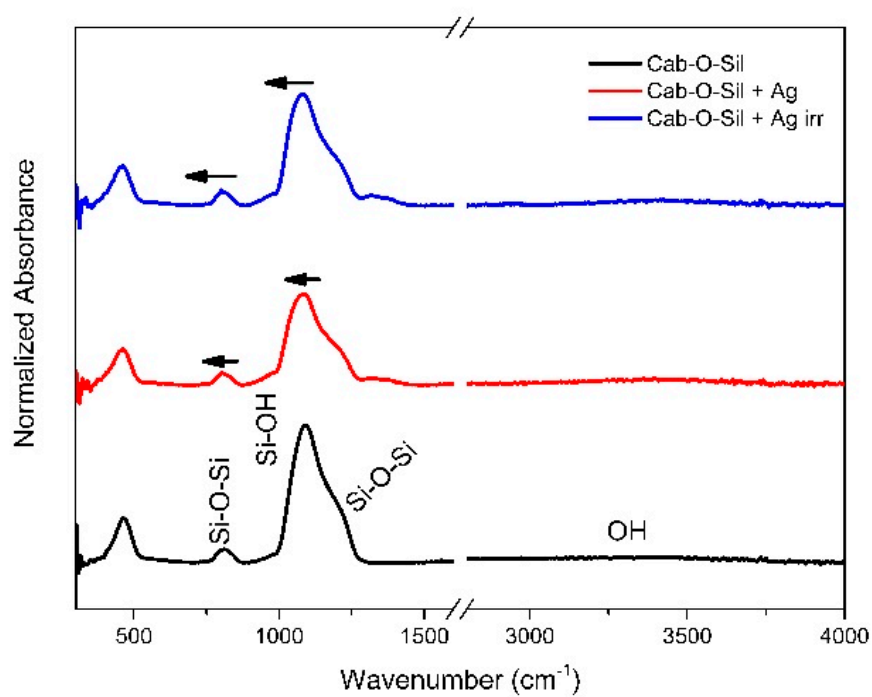


Figure S3. ATR-IR spectra of Cab-O-Sil (black line), Cab-O-Sil-Ag (red line) and Cab-O-Sil-Ag-irr (blue line).

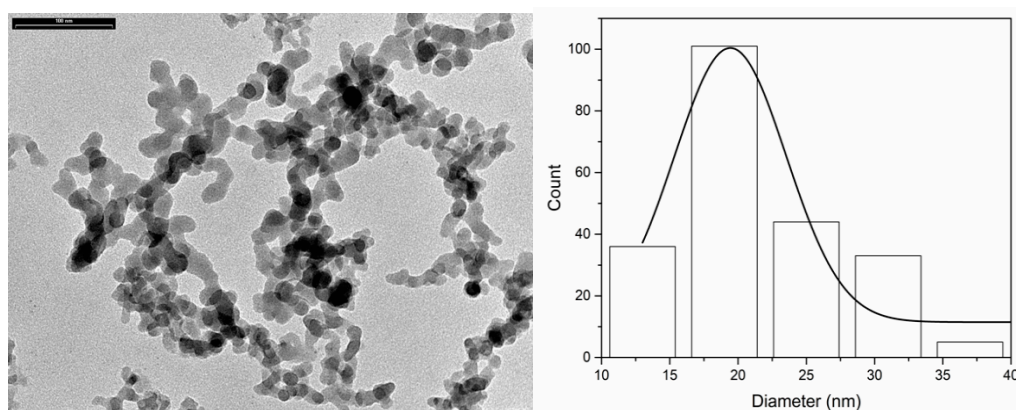


Figure S4. TEM image (A, scale bar: 100 nm) and size distribution (B) of Cab-O-Sil.

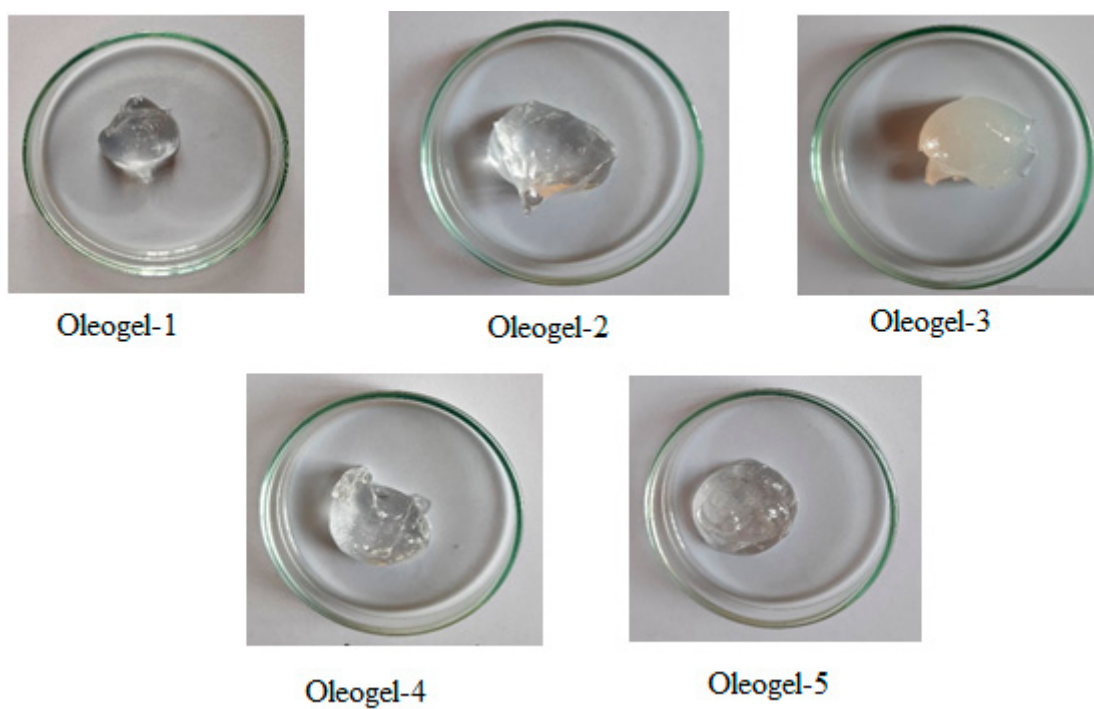


Figure S5. Just prepared oleogel images.

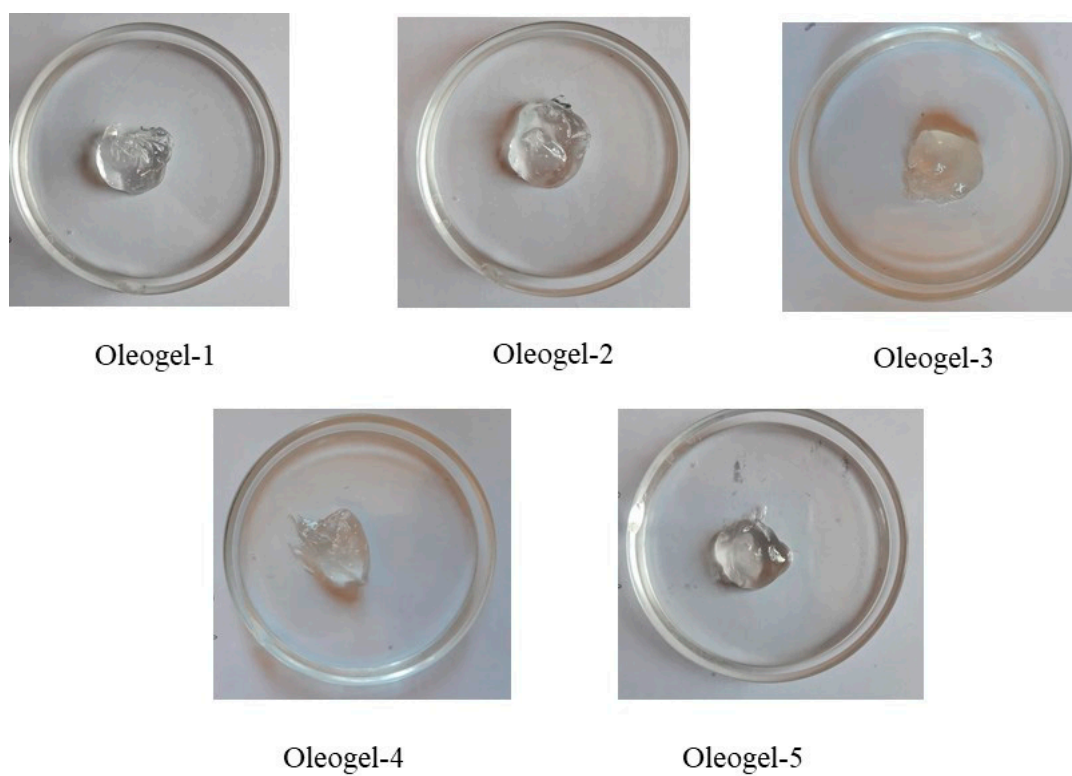


Figure S6. Oleogel images after 3 month of storage at room temperature.