

# Supporting Information

## Biofilm-Assisted Fabrication of Ag@SnO<sub>2</sub>-g-C<sub>3</sub>N<sub>4</sub> Nanostructures for Visible Light-Induced Photocatalysis and Photoelectrochemical Performance

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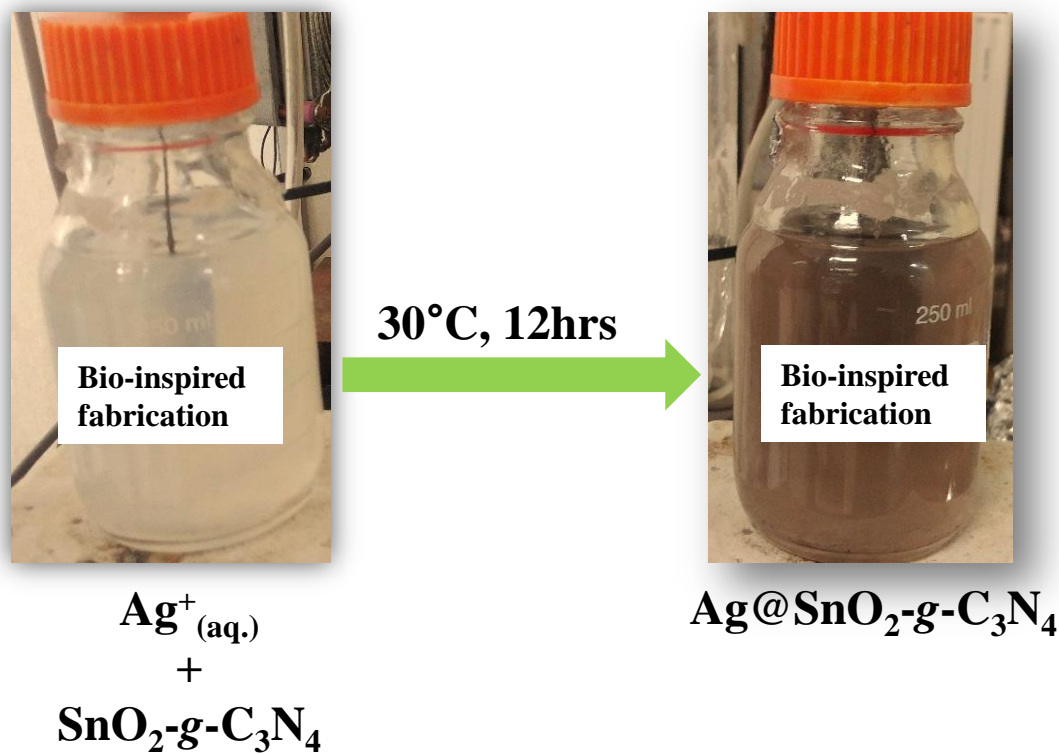
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**Figure S1.** Naked-eye inspection and typical schematic representation of reaction set-up for biofilm-assisted fabrication of Ag NPs on to the  $\text{SnO}_2\text{-g-C}_3\text{N}_4$  NSs ( $\text{Ag@SnO}_2\text{-g-C}_3\text{N}_4$  NSs).