Supplementary Information (SI) for Journal of Materials Chemistry B. This journal is © The Royal Society of Chemistry 2025

## Supplementary data

Synthesis of Covalently Linked Bismuthene-Graphene Heterostructure Loaded with Mitomycin C for Combined Radio-thermo-chemotherapy of Triple-Negative Breast Cancer

Mohammad Varzandeh, Minoo Karbasi, Sheyda Labbaf Jaleh Varshosaz, Nafiseh Esmail, Reza Birang

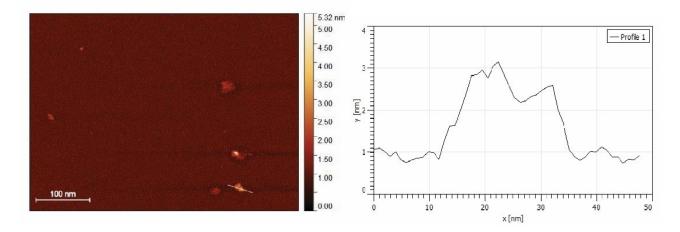


Figure S1. FTIR image of BiNS-rGO and related height profile

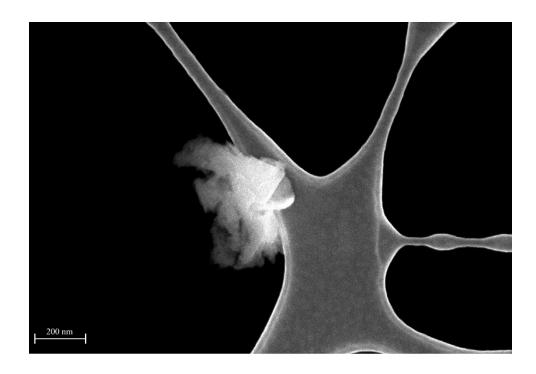


Figure S2. STEM image of BiNS-rGO

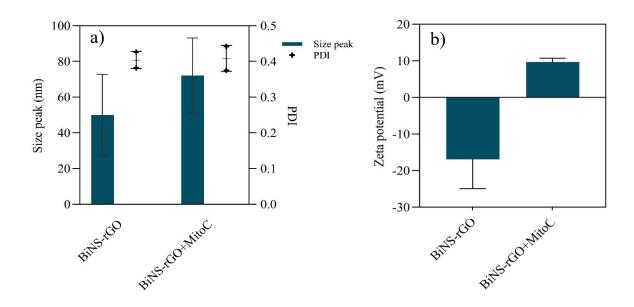


Figure S3. a) DLS size peak and PDI; b) zeta potential of BiNS-rGO and BiNS-rGO-MitoC