

## Efficient Skin Interactions of Graphene Derivatives: Challenge, Opportunity or both?

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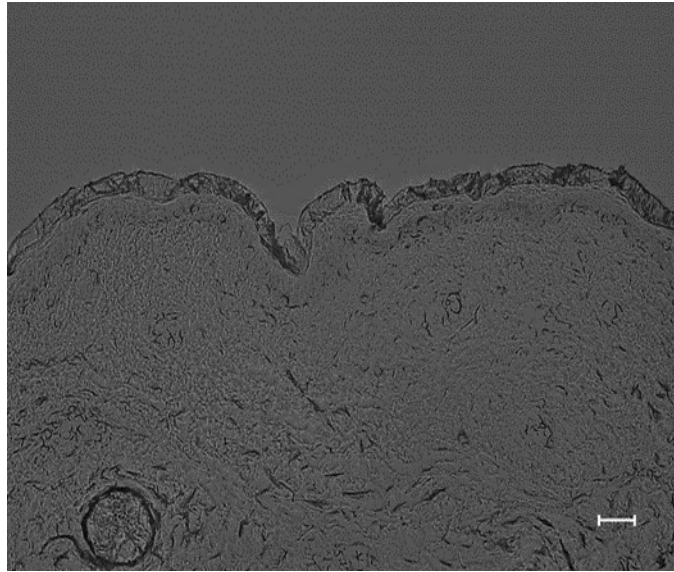


Figure S1: Representative overlay microscopy images (bright field and fluorescence) of untreated human skin. Scale bars correspond to 50  $\mu\text{m}$ .

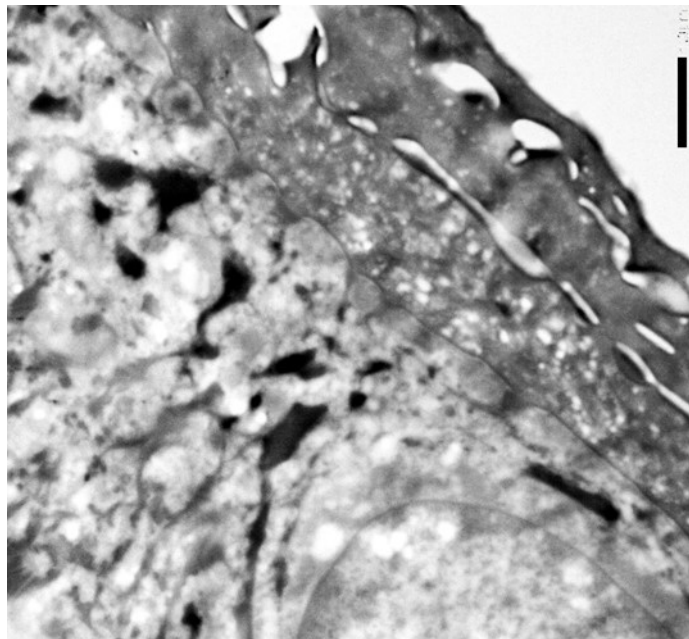


Figure S2: Transmission electron microscopy images of untreated human skin. Scale bars correspond to 1  $\mu\text{m}$ .

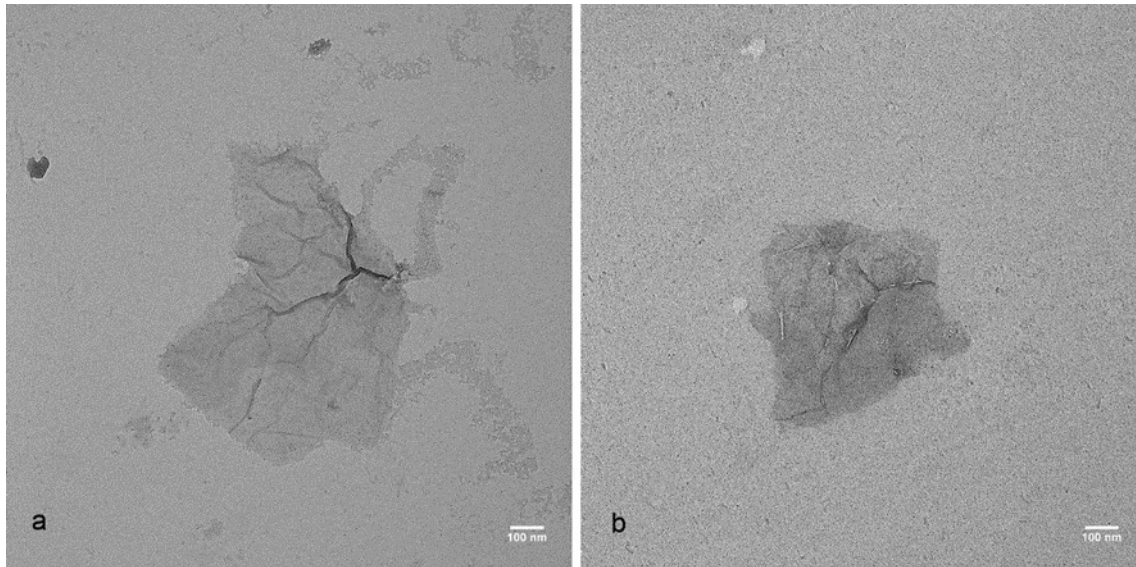


Figure S3: Transmission electron microscopy images of (a) hPG-amine covered TRGO (hPGN-Gs) and (b) hPG-sulfate covered TRGO (hPGS-Gs), each loaded with the drug tacrolimus, Scale bars correspond to 100 nm.