

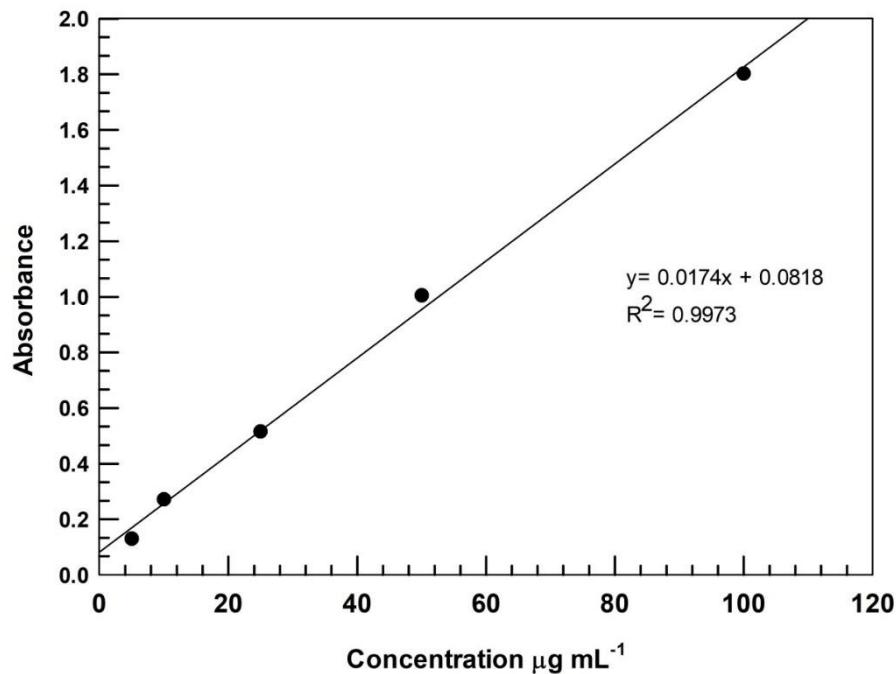
# Rutin-Loaded Nanovesicles for Improved Stability and Enhanced Topical Efficacy of Natural Compound

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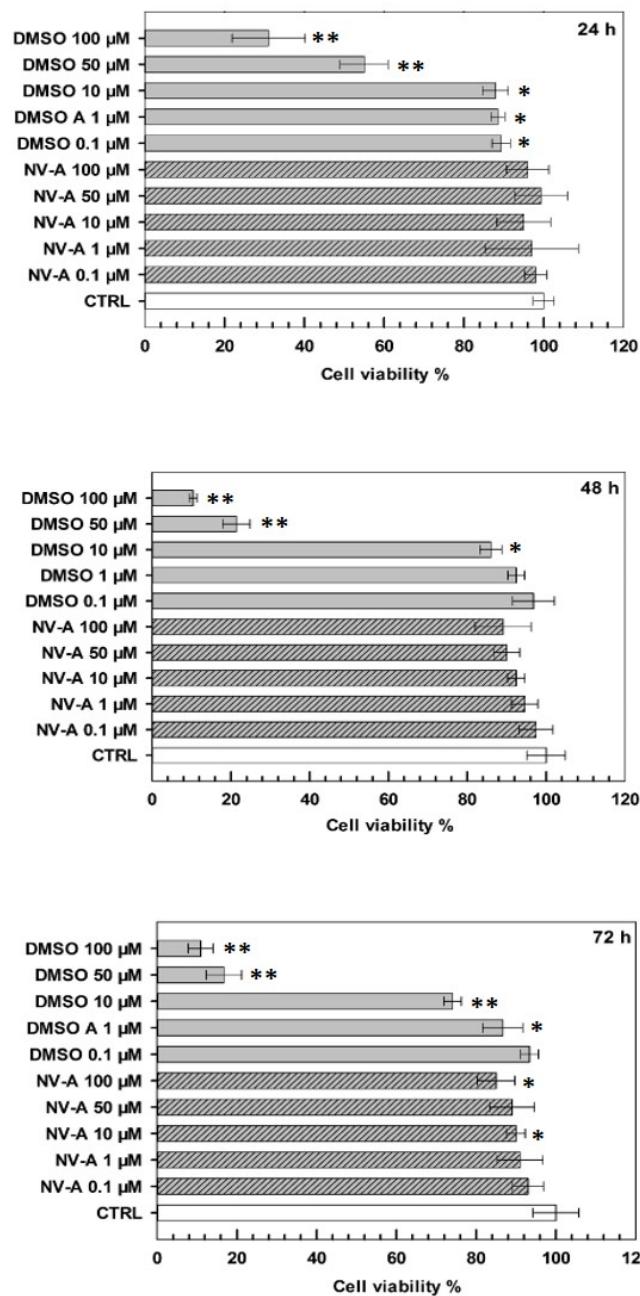
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**Figure S1.** Rutin external calibration curve obtained using a UV-Vis spectrophotometer (Perkin Elmer Lambda 35, Waltham, Massachusetts, USA). The figure reports representative data from three independent experiments.



**Figure S2.** Cytotoxic effects of NV-A and DMSO, used for solubilizing rutin in the other in vitro experiments, of which the concentrations referred to NV-A<sub>4</sub> and the free rutin solution concentrations used at 24 h, 48 h, and 72 h. The results are expressed as mean value of three independent experiments  $\pm$  standard deviation.