Correction to Biodegradable Nanoneedles for Localized Delivery of Nanoparticles in Vivo: Exploring the Biointerface

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Page 5504. The amended caption for Figure 3 should read as follows: Figure 3. Cell-nanoneedle interface upon nanoinjection. (a-c) nN-T nanoinjection showing cytosolic interfacing and exclusion from the nucleus 1 min following nanoinjection. (d-f) Temporal evolution of nN-B nanoinjection showing progressive cytosolic interfacing and nuclear exclusion with associated remodeling of the nuclear envelope. (a,d) Laser scanning confocal micrographs at the time points indicated. The cell presented in nN-B 4 h is also presented in our previous study with different YZ and XZ projections.6 Cell membrane is in red, nuclei are in blue, and nanoneedles are in green. (b,e) FIB-SEM cross sections of nanoinjected cells. (c,f) 54° tilt SEM micrographs showing retained cell morphology. (g) Three-dimensional reconstruction FIB-SEM slice through segmentation at different times for nN-B nanoinjection. Nanoneedles are in blue, cell membrane is in purple, nuclear envelope is in yellow, and electron dense areas attributed to Si are in green (72 h). (h) Quantification of the nanoneedle depth of cytosolic interfacing, measured as the distance between the tip of the nanoneedle and the underlying cell membrane. (i) Quantification of the distance of nanoneedles from the nucleus, measured as the distance between the tip of a nanoneedle and the cell nucleus. *p < 0.05, **p < 0.01.

We are very sorry for this inadvertent oversight. This correction does not bear any consequence on the conclusions of the article.

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