Supporting Information

Biomimetic Nanoparticles Potentiate the Anti-Inflammatory Properties of Dexamethasone and Reduce the Cytokine Storm Syndrome: An Additional Weapon against COVID-19?

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Figure S1. Cytokine antibody array. BALB/C mice were subjected to uncontrolled inflammation by injection of LPS and administrated with free dexamethasone, dexamethasone-loaded leukosomes or left untreated. Pooled plasma was used to evaluate the levels of cytokines by antibody array at 20 min, 2h and 8h post treatment. The cytokines are represented by duplicate spots in the locations shown: 1. BLC/CXCL13/BCA-1; 2. C5/C5a; 3. ICAM-1; 4. II-1α; 5. IL-6; 6. M-CSF; 7. CCL2/MCP-1; 8. IL-16; 9. MIP-2/CXCL2; 10. RANTES; 11. TNF-α. Individual cytokines were identified following manufacturer’s instructions.
Figure S2. IL-6 and CXCL2. The average net optical intensities (O.D.) for IL-6 and CXCL2 is shown for each group at different time points. The basal levels of plasma cytokines of non-treated mice were evaluated by the same array and used to normalize the data. Results are presented as mean ± SD (n = 4).