

Supporting Information

Delivery of tacrolimus with cationic lipid-assisted nanoparticles for ulcerative colitis therapy

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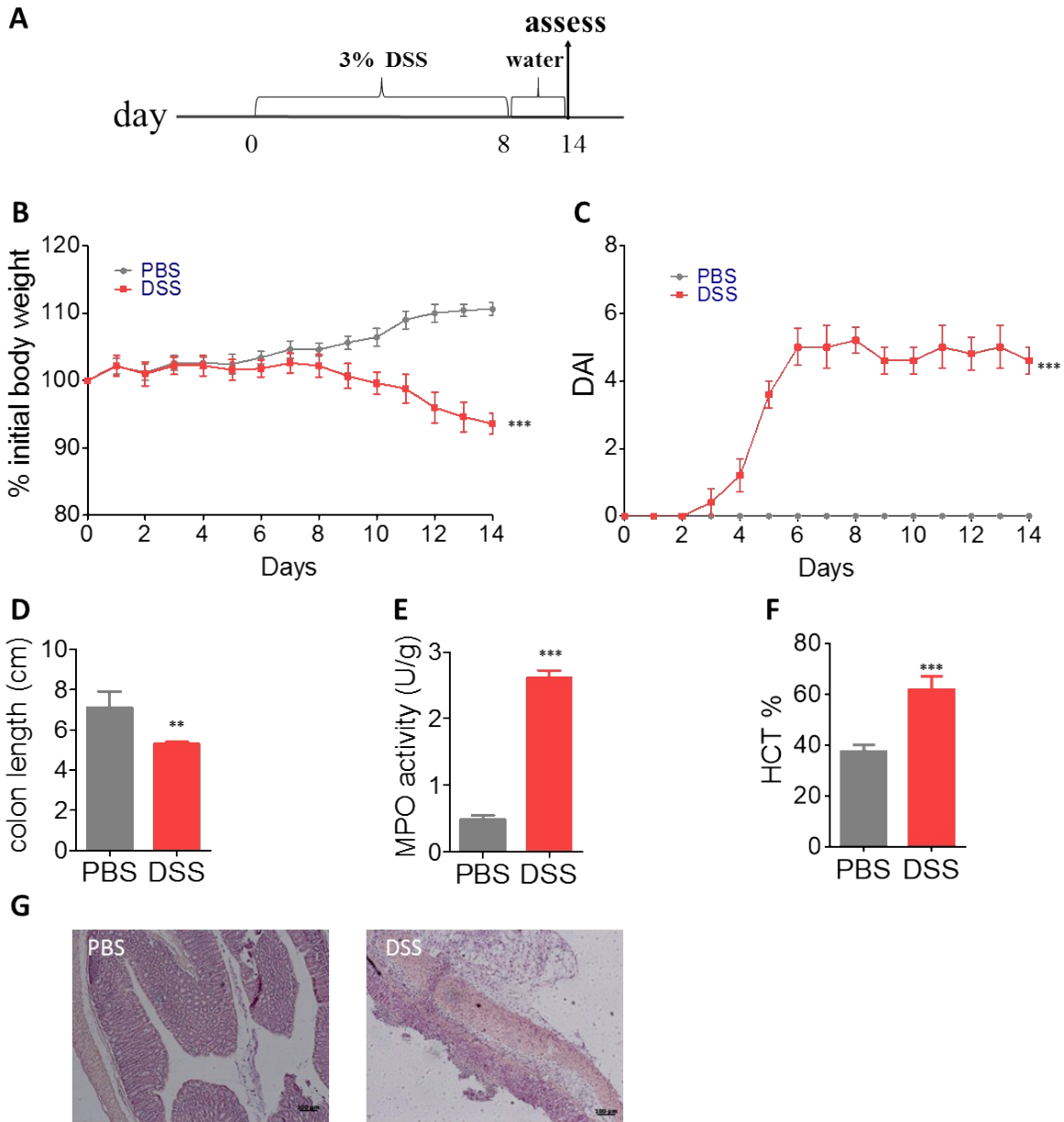


Figure S1. (A) Schematic representation of the experimental design. C57BL/6 mice were treated with 3% DSS in drinking water on days 0-8. Mice were sacrificed for analysis on day 14. (B) Body weight in DSS treatment mice and control mice. n = 5. (C) Changes in DAI. DAI is the summation of the stool consistency index (0 – 3), fecal bleeding index (0 – 3), and weight loss index (0 – 4). n = 5. (D) Measurement of the colon. n = 5. (E) MPO activity of the treatment and control mice. n = 5. (F) Hematocrit in DSS treatment and control mice on day 8 of the

experiment. n = 5. (G) H&E stained colon sections for histopathological analyses. Scale bar 100 μ m.

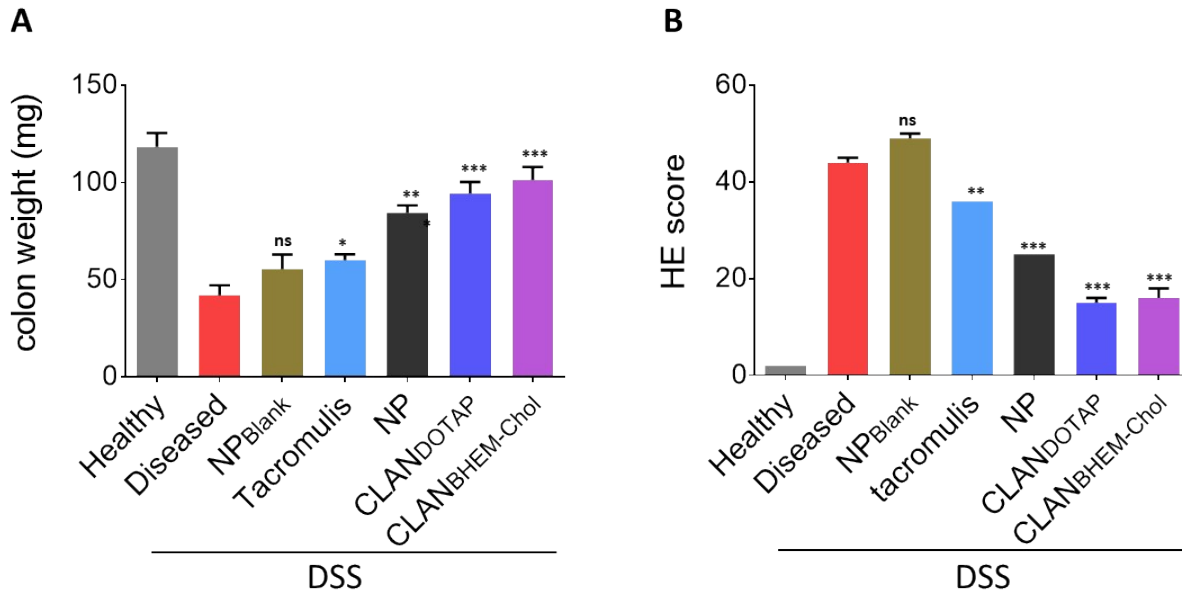


Figure S2. (A) Weight of the colon tissue from the colitis mice after treatment. n = 5 mice per group. (B) H&E scores from histopathological analyses. ** P < 0.01, *** P < 0.001 vs Diseased. n = 5 mice per group.