Supporting Information

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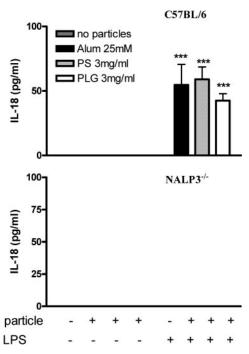


Fig. 51. Enhancement of IL-18 secretion by particulate adjuvants is NALP3-dependent. DCs from C57BL/6 or NALP3-/- mice were incubated with PLG or PS microparticles or alum alone or for 1 h before the addition of LPS (5 ng/mL) for 24 h. IL-18 was determined by ELISA. Particles plus LPS vs. LPS only: ***, P < 0.001

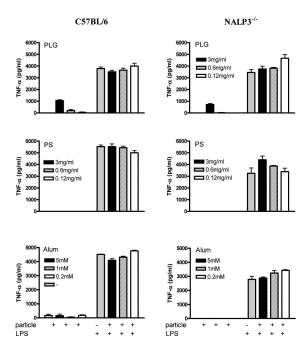


Fig. S2. LPS-induced TNF- α production by DCs is not enhanced by pretreatment with particulate adjuvants, and the response is intact in NALP3^{-/-} cells. DCs from C57BL/6 or NALP3^{-/-} mice were incubated with particulates alone or for 1 h before the addition of LPS. TNF- α was determined by ELISA.

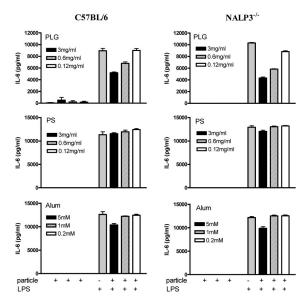


Fig. S3. LPS-induced IL-6 production by DCs is not enhanced by pretreatment with particulate adjuvants, and the response is intact in NALP3^{-/-} cells. DCs from C57BL/6 or NALP3^{-/-} mice were incubated with particulates alone or for 1 h before the addition of LPS. IL-6 concentrations were determined by ELISA.

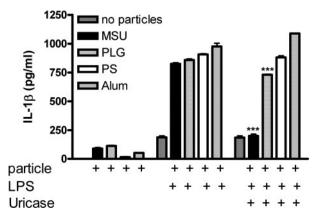


Fig. S4. Uric acid is not required for the enhancement of IL-1 β secretion by particulate adjuvants. DCs from C57BL/6 mice were incubated with monosodium urate crystals or particulate adjuvants alone, or following incubation with uricase (0.1 U/mL) alone or for 1 h before the addition of LPS. IL-1 β concentrations were determined by ELISA. Particles + LPS vs particles + LPS + uricase; ***, P < 0.001.