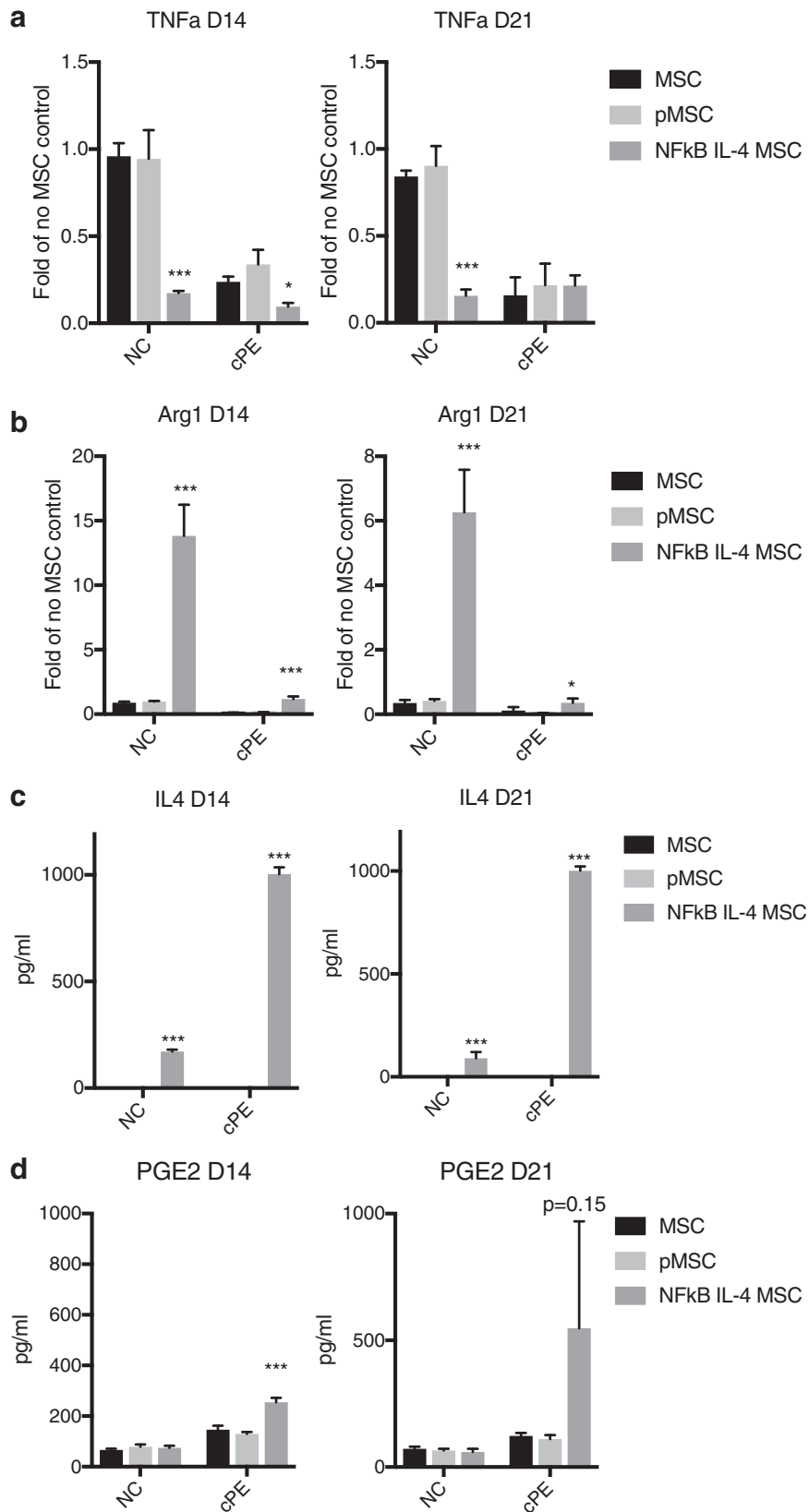


Supplementary Data



SUPPLEMENTARY FIG. S1 Expression of macrophage polarization markers and immunomodulatory factors in the MSC-macrophage cocultured cells at later stages. The RNA expression of TNF α (**a**) and Arg1 (**b**) at day 14 and 21 in the MSC-macrophage at the bottom chamber were examined by quantitative polymerase chain reaction. IL4 (**c**) and PGE2 (**d**) secretions at day 14 and 21 were examined by ELISA. NC: no particle control; cPE: contaminated polyethylene particles. * $p < 0.05$, *** $p < 0.005$. MSC, mesenchymal stem cells; TNF α , tumor necrosis factor alpha.