On-line supplement figures

Supplement Figure 1: Lavage neutrophils as a function of AZ11557272 dose. N=5 animals/group. Values are mean ± SD. * indicates p<.0001 control vs smoke; p<.05 control vs 3mg/kg; p<.01 control vs 10mg/kg.

Supplement Figure 2: Serum TNFα as a function of AZ11557272 dose. Note suppression of smoke-induced TNFα elevations at low doses. Values are mean ± SD. * indicates p<.01 compared to controls.

Supplement Figure 3: Lavage macrophages as a function of AZ11557272 dose. Values are mean ± SD. Increase is macrophage numbers is close to significant (p<.08) comparing control and smoke, and there is a significant decrease in macrophage numbers, even at 3mg/kg (p<.01 comparing numbers of macrophages in smokers to numbers at a dose of 3mg/kg).

Supplement Figure 4: Pulmonary function data at 6 months of smoke exposure. Smoke produces significant increases in TLC, VC, and RV, and AZ11557272 provides about 70% protection. Values are mean ± SD. * indicates p<.01 comparing TLC or VC in smoke and control, p<.05 for other comparisons.

Supplement Figure 5: Pulmonary artery pressure at 6 months of smoke exposure. Smoke increases Ppa by about 25%. This increase is not prevented by treatment with AZ11557272. Values are mean ± SD. * p<.01 for control vs smoke, p<.03 for control vs AZ11557272