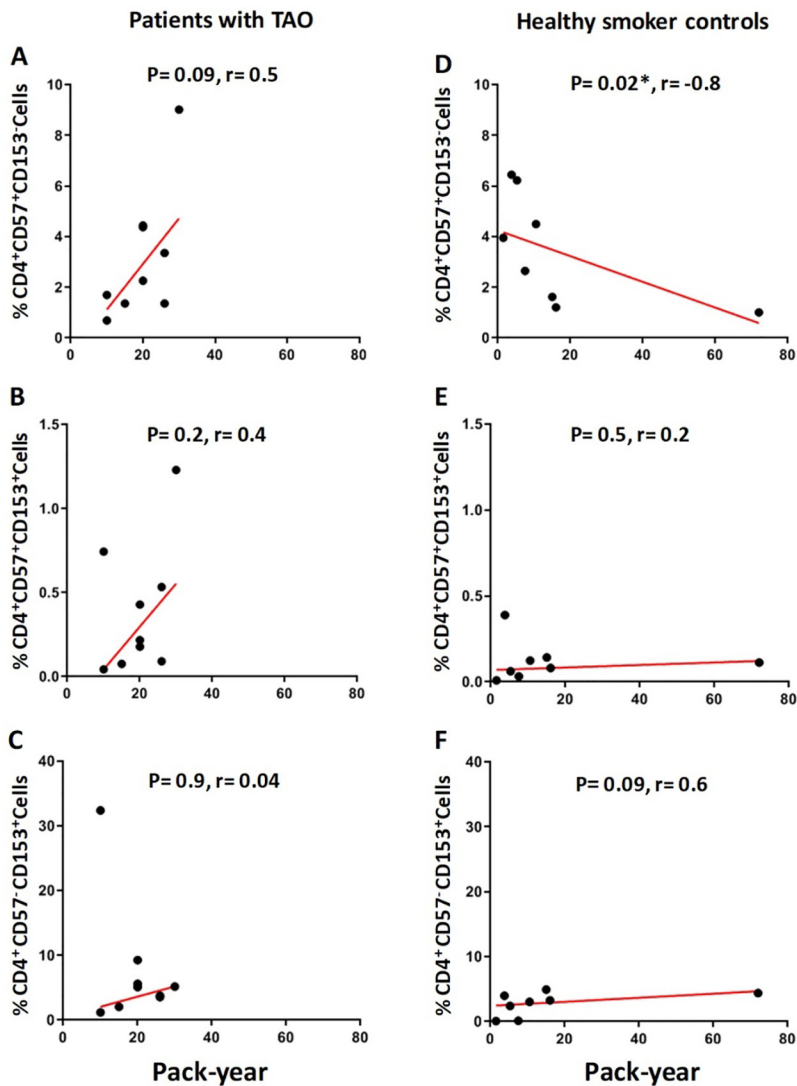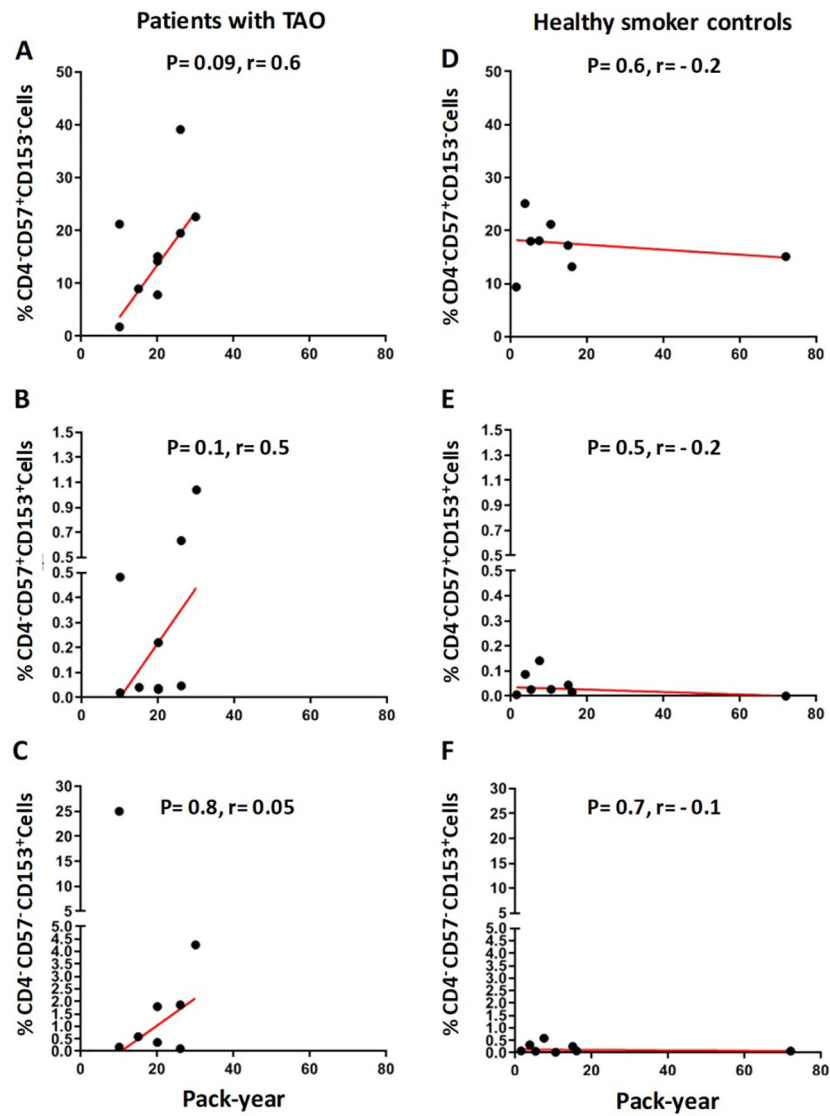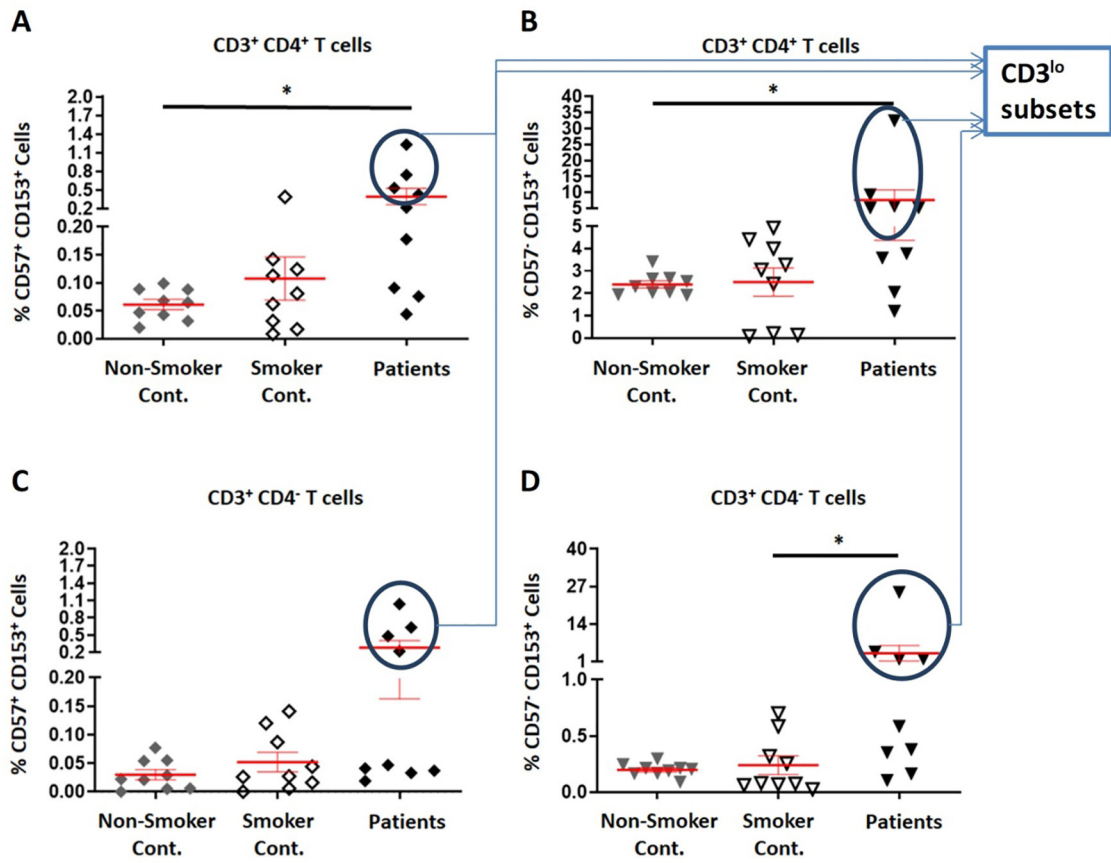**Supplementary Fig. 1.** Comparison of smoking level between patients with TAO and smoker controls.

Supplementary Fig. 2. Correlation between the frequencies of senescent CD4+ T cell subsets and smoking level (PY) in patients (A, B, C) and healthy smoker controls (D, E, F). Data were analyzed using Spearman's rank correlation test. p<0.05 was considering significant.

Supplementary Fig. 3. Correlation between the frequencies of senescent CD4⁻ T cell subsets and smoking level (PY) in patients (A, B, C) and healthy smoker controls (D, E, F). Data were analyzed using Spearman's rank correlation test. p<0.05 was considering significant.

Supplementary Fig. 4. The percentages of CD57 and CD153 expressing T cells in non-smoker controls, smoker controls and patients with TAO. Dots within the circles are representative of patients that CD3 expression was decreased on their CD4+ and CD4- T cells.