Table 1. Logistic regression analysis with adjustment for age due to significant age difference between cases and controls. Odds ratios indicate increased risk associated with a 1 unit change in the natural log of continuous variables.

Characteristic		OR	95% CI	p Value
Age, mean years (SD)		0.965	0.897 - 1.038	0.339
Male gender, N (%)		1.072	0.674 - 1.706	0.769
Body-mass index (BMI) Kg/m^2		3.728	1.460 - 9.516	0.006
White Blood Cells (WBC), X1000		3.030	1.267 - 7.248	0.013
Eosinophils (%)		1.504	1.092 - 2.071	0.012
CRP (mg/L)		1.199	0.956 - 1.504	0.117
IgE (total, kU/L)		1.422	1.200 - 1.686	<0.001
> one specific antibody over detection limit		4.047	2.478 - 6.609	<0.001
Environmental variables				
Saliva cotinine category*		0.781	0.578 - 1.054	0.106
Exhaled carbon monoxide (ppm)		1.043	0.895 - 1.216	0.588
PM 1 level (mg/M^3)		4.933	0.985 - 24.714	0.052
PM 2.5 level (mg/M^3)		3.879	0.915 - 16.443	0.066
PM 4 level (mg/M^3)		4.307	1.053 - 17.612	0.042
PM 10 level (mg/M^3)		6.389	1.340 - 30.468	0.020
Indoor temp (F^o)		0.988	0.940 - 1.038	0.635
Outdoor temp (F^o)		0.984	0.974 - 0.994	0.003
Indoor relative humidity (%)		0.974	0.958 - 0.990	0.002
Outdoor relative humidity (%)		0.999	0.987 - 1.011	0.895
Indoor carbon dioxide (ppm)		1.000	1.000 - 1.001	0.101
Indoor carbon monoxide (ppm)		1.043	0.895 - 1.216	0.588
Home heating, category**		1.096	0.862 - 1.395	0.454

*0=1-10ng/ml, 1=10-30ng/ml, 2=30-100ng/ml, 3=100-200ng/ml, 4=200-500ng/ml, 5=500-2,000ng/ml, 6= >2,000ng/ml

** electric heat only=1, electric and gas=2, gas only=3, wood, kitchen stove, "other"=4