

Table 4 Association of chemokines and chemokine receptor polymorphisms with stages of pneumoconiosis in coal miners.

	1990 computed tomography score			1994 computed tomography score		1999 coal workers' pneumoconiosis (x ray grade $\geq 1/1$)	
	n	m \pm SD	p value	m \pm SD	p value	n (%)	p value
<i>CCR5</i> $\Delta 32$							
wt/wt	169	1.28 \pm 1.84		1.80 \pm 2.37		22 (13.7)	
$\Delta 32$ carriers	40	2.15 \pm 2.29	0.01	3.02 \pm 3.55	0.04	6 (15.0)	0.8
<i>CCL5</i> G-403A							
GG	127	1.31 \pm 1.74		1.83 \pm 2.29		18 (14.9)	
GA	74	1.62 \pm 2.23		2.36 \pm 3.19		9 (12.3)	
AA	8	2.00 \pm 2.39	0.4	2.25 \pm 3.10	0.4	1 (14.3)	0.9
<i>CCR2</i> V64I							
VV	171	1.47 \pm 2.07		2.08 \pm 2.82		23 (14.1)	
VI	38	1.32 \pm 1.36	0.6	1.84 \pm 1.88	0.6	5 (13.2)	0.9
<i>CCL2</i> A-2578G							
AA	111	1.31 \pm 1.74		1.87 \pm 2.53		13 (12.3)	
AG	78	1.64 \pm 2.15		2.38 \pm 2.92		11 (14.7)	
GG	20	1.45 \pm 2.30	0.5	1.60 \pm 2.37	0.3	4 (20.0)	0.6
<i>CX3CR1</i> V249I							
VV	105	1.64 \pm 2.01		2.22 \pm 2.83		17 (16.7)	
VI	87	1.25 \pm 1.97		1.90 \pm 2.60		11 (13.2)	
II	17	1.23 \pm 1.44	0.4	1.65 \pm 1.97	0.6	0 (0.0)	0.2*
<i>CX3CR1</i> T280M							
TT	144	1.56 \pm 2.03		2.20 \pm 2.75		21 (15.1)	
TM	57	1.17 \pm 1.77		1.77 \pm 2.61		7 (12.7)	
MM	8	1.25 \pm 1.83	0.4	1.00 \pm 1.07	0.3	0 (0.0)	0.7

*Trend test p=0.08.