



HAL
open science

Polymorphisms in chemokine and chemokine receptor genes and the development of coal workers' pneumoconiosis.

Rachel Nadif, Margaret Mintz, Selma Rivas-Fuentes, Anne Jedlicka, Elise Lavergne, Mathieu Rodero, Francine Kauffmann, Christophe Combadière, Steven R. Kleeberger

► To cite this version:

Rachel Nadif, Margaret Mintz, Selma Rivas-Fuentes, Anne Jedlicka, Elise Lavergne, et al.. Polymorphisms in chemokine and chemokine receptor genes and the development of coal workers' pneumoconiosis.. *Cytokine*, 2006, 33 (3), pp.171-8. <10.1016/j.cyto.2006.01.001>. <inserm-00127760>

HAL Id: inserm-00127760

<https://inserm.hal.science/inserm-00127760v1>

Submitted on 29 Jan 2007

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



HAL Authorization

Table 2 Characteristics of the 209 coal miners in 1990*

	Value
Age (years, (m \pm SD))	42.6 \pm 3.5
Smoking habits, n (%)	
Non-smokers	49 (23.4)
Ex-smokers	47 (22.5)
Current smokers	113 (54.1)
Pack-years (m \pm SD)	12.7 \pm 11.0
Current coal dust exposure (based on job description), n (%)	
Retired miners (no exposure)	8 (3.8)
Active low exposed miners	103 (49.3)
Active high exposed miners	98 (46.9)
Cumulative coal dust exposure (active and retired miners), (mg/m ³ x year, (m \pm SD))	52.5 \pm 40.3
Geographical origin	
France	141 (67.5)
Other European countries	64 (30.6)
North Africa	4 (1.9)
Computed tomography scan micronodule score, (m \pm SD)	1.44 \pm 1.96
Chest x ray grade, n (%)	
0/0	139 (66.5)
0/1	48 (23.0)
1/0	22 (10.5)
CT scan micronodule score in 1994, (m \pm SD)	2.04 \pm 2.67
Chest x ray grade in 1994, n (%)	
0/0	150 (71.8)
0/1	32 (15.3)
1/0	19 (9.1)
1/1 or more (pneumoconiotic)	8 (3.8)
Chest x ray grade in 1999, n (%)	
0/0	134 (66.7)
0/1	17 (8.5)
1/0	22 (10.9)
1/1 or more	28 (13.9)

*Unless otherwise stated.