



© *Kamla-Raj* 2002

PRINT: ISSN 0972-3757 ONLINE: 2456-6360

Int J Hum Genet, 2(2): 95-99 (2002)

DOI: 10.31901/24566330.2002/02.02.07

Haematological and Cytogenetic Studies in Workers Occupationally Exposed to Cement Dust

A. L. Calistus Jude, K. Sasikala, R. Ashok Kumar, S. Sudha and J. Raichel

*Division of Human Genetics, Department of Zoology, Bharathiar University,
Coimbatore, Tamil Nadu, India*

KEY WORDS Cement dust; occupational exposure; haematological hazard; cytogenetic damage.

ABSTRACT The present study evaluates the haematological and cytogenetic risks in subjects occupationally exposed to cement dust. While cement dust caused indirect haematological damage resulting in abnormal blood cell counts, it also caused genetic damage comprising of minor chromosomal aberrations, decrease in mitotic index and increased frequency of sister chromatid exchanges.

[Home](#)

[Back](#)
