

Contents

Editorial

Vinyl chloride: the evidence for human carcinogenicity in different target organs A G SALMON *page 73*

Health of workers exposed to electric fields D E BROADBENT, M H P BROADBENT, J C MALE, AND M R L JONES *page 75*

Mortality of workers in an automobile engine and parts manufacturing complex J E VENA, H A SULTZ, R C FIEDLER, AND R E BARNES *page 85*

Respiratory abnormalities among workers in an iron and steel foundry A JOHNSON, MOIRA CHAN-YEUNG, LONIA MACLEAN, ELIZABETH ATKINS, ANN DYBUNCIO, F CHENG, AND D ENARSON *page 94*

Respiratory disease in foundry workers I LOW AND C MITCHELL *page 101*

Lung function after exposure to barley dust P E MCCARTHY, A E COCKCROFT, AND M MCDERMOTT *page 106*

Coexposure to toluene and p-xylene in man: uptake and elimination M WALLÉN, S HOLM, AND M BYFÄLT NORDQVIST *page 111*

Coexposure to toluene and p-xylene in man: central nervous functions B ANSHELM OLSON, F GAMBERALE, A IREGREN *page 117*

Sperm as an indicator of reproductive risk among petroleum refinery workers M J ROSENBERG, A J WYROBEK, JENNIFER RATCLIFFE, L A GORDON, G WATCHMAKER, S H FOX, D H MOORE II, AND R W HORNUNG *page 123*

Comparative study of the effects of biphenyl and Kanechlor-400 on the respiratory and energy linked activities of rat liver mitochondria Y NISHIHARA *page 128*

Effects of whole body vibration on biogenic amines in rat brain M ARIIZUMI AND A OKADA *page 133*

Short report

A note on "Job related mortality risks of Hanford workers and their relation to cancer effects of measured doses of external radiation" ETHEL S GILBERT AND G R PETERSEN *page 137*

Book reviews *page 140*

Notice *page 141*

Information section *page 142*