

## Contents

- The liquid barrier filter: total protection against particulate contaminants W D SEUFERT, FRANCE BESSETTE, AND G LACHIVER *page 1*
- Identification of occupational mortality risks for Hanford workers G W KNEALE, T F MANCUSO, AND ALICE M STEWART *page 6*
- Job related mortality risks of Hanford workers and their relation to cancer effects of measured doses of external radiation G W KNEALE, T F MANCUSO, AND ALICE M STEWART *page 9*
- Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT O WONG, W BROCKER, H V DAVIS, AND G S NAGLE *page 15*
- Incidence of cancer among vinyl chloride and polyvinyl chloride workers S STORETVEDT HELDAAS, SL LANGÅRD, AND A ANDERSEN *page 25*
- Occupational exposure to hydrazine and subsequent risk of cancer N WALD, JILLIAN BOREHAM, R DOLL, AND J BONSALE *page 31*
- Mortality experience of glass fibre workers H S SHANNON, M HAYES, J A JULIAN, AND D C F MUIR *page 35*
- Malignant mesothelioma: incidence, asbestos exposure, and reclassification of histopathology W E WRIGHT, R P SHERWIN, ELIZABETH A DICKSON, L BERNSTEIN, JANINE B FROMM, AND B E HENDERSON *page 39*
- A spin label study of the effect of chrysotile asbestos on erythrocyte membranes E GENDEK, G BARTOSZ, AND W LEYKO *page 46*
- Occupational asthma from nickel sensitivity: I Human serum albumin in the antigenic determinant J DOLOVICH, S L EVANS, AND E NIEBOER *page 51*
- Occupational asthma from nickel sensitivity: II Factors influencing the interaction of Ni<sup>2+</sup>, HSA, and serum antibodies with nickel related specificity E NIEBOER, S L EVANS, AND J DOLOVICH *page 56*
- Characterisation of textile dust extracts: I Histamine release in vitro J S DOUGLAS AND PAMELA G DUNCAN *page 64*
- Characterisation of textile dust extracts: II Bronchoconstriction in man J S DOUGLAS, PAMELA G DUNCAN, AND EUGENIJA ŽUŠKIN *page 70*
- Extrinsic allergic alveolitis in the tobacco industry M S HUUSKONEN, K HUSMAN, J JÄRVISALO, O KORHONEN, M KOTIMAA, T KUUSELA, H NORDMAN, A ZITTING, AND R MÄNTYJÄRVI *page 77*
- Pulmonary granulomatous reaction: talc pneumoconiosis or chronic sarcoidosis? P TUKIAINEN, J NICKELS, E TASKINEN, AND M NYBERG *page 84*
- Respiratory function in tea workers EUGENIJA ŽUŠKIN AND ZDENKA SKURIĆ *page 88*
- Changes in respiratory variables of grain handlers and civic workers during their initial months of employment I BRODER, M A HUTCHEON, S MINTZ, G DAVIES, A LEZNOFF, P THOMAS, AND P COREY *page 94*
- Respiratory exposures associated with silicon carbide production: estimation of cumulative exposures for an epidemiological study T J SMITH, S KATHARINE HAMMOND, F LAIDLAW, AND S FINE *page 100*
- Pulmonary effects of exposures in silicon carbide manufacturing J M PETERS, T J SMITH, L BERNSTEIN, W E WRIGHT, S K HAMMOND *page 109*
- In vitro macrophage cytotoxicity of five calcium silicates V SKAUG, R DAVIES, AND B GYLSETH *page 116*
- Effects of impulse noise and continuous steady state noise on hearing S MÄNTYSALO AND J VUORI *page 122*
- Symptoms of vibration syndrome and radiographic findings in the wrists of lumberjacks H HÄRKÖNEN, HILKKA RIIHIMÄKI, S TOLA, T MATTSSON, M PEKKARINEN, A ZITTING, AND K HUSMAN *page 133*
- X ray anomalies occurring in workers exposed to vibration caused by light tools J VAN DEN BOSSCHE AND D LAHAYE *page 137*
- Notice: *page 141*
- Correction: Reversibility of skeletal fluorosis (November 1983) *page 141*
- Isolated liver damage in chemical workers M DØSSING AND L RANEK *page 142*
- Information section *page 145*