

Contents

Editorial *page* 149

Dust exposure and mortality in an American chrysotile asbestos friction products plant A D McDONALD, J S FRY, A J WOOLLEY, AND J C McDONALD *page* 151

Lung cancer mortality among workers making lead chromate and zinc chromate pigments at three English factories JOAN M DAVIES *page* 158

Long term mortality study of chromate pigment workers who suffered lead poisoning JOAN M DAVIES *page* 170

A mortality study of cement workers M E McDOWALL *page* 179

Mortality of fire fighters in Western Australia E ELIOPULOS, B K ARMSTRONG, J T SPICKETT, AND F HEYWORTH *page* 183

Mortality study of British pathologists 1974-80 J M HARRINGTON AND D OAKES *page* 188

Urinary fluoride concentration as an estimator of welding fume exposure from basic electrodes B SJÖGREN, L HEDSTRÖM, AND GÖSTA LINDSTEDT *page* 192

Mobility of diesel versus non-diesel coal miners; some evidence on the healthy worker effect G AMES AND B TRENT *page* 197

Role of histamine in the aetiology of byssinosis. I Blood histamine concentrations in workers exposed to cotton and flax dusts M H NOWEIR, H M ABDEL-KADER, AND F OMRAN *page* 203

Role of histamine in the aetiology of byssinosis. II Lung histamine concentrations in guinea pigs chronically exposed to cotton and flax dusts M H NOWEIR, H M ABDEL-KADER, AND A MAKAR *page* 209

Exposure to oxides of nitrogen: respiratory symptoms and lung function in British coalminers A ROBERTSON, J DODGSON, P COLLINGS, AND A SEATON *page* 214

Extrinsic allergic bronchitis in a bird fancier M G HARRIES, B HEARD, AND D GEDDES *page* 220

Asthma and other symptoms in cinnamon workers C G URAGODA *page* 224

In vitro cytotoxicity and quantitative silica analysis of diatomaceous earth products E BYE, R DAVIES, D M GRIFFITHS, B GYLSETH, AND C B MONCRIEFF *page* 228

Lead and zinc concentrations in plasma, erythrocytes, and urine in relation to ALA-D activity after intravenous infusion of Ca-EDTA N ISHIHARA, S SHIOJIMA, AND K HASEGAWA *page* 235

Urinary cadmium and lead concentrations and their relation to blood pressure in a population with low exposure J STAESSEN, C J BULPITT, H ROELS, A BERNARD, R FAGARD, J V JOOSSENS, R LAUWERYS, P LIJNEN, AND A AMERY *page* 241

Chromosome analysis from peripheral blood lymphocytes of workers after an acute exposure to benzene M GILLIAN CLARE, A YARDLEY-JONES, A C MACLEAN, AND B J DEAN *page* 249

Lipid abnormalities in workers exposed to dioxin J V MARTIN *page* 254

Raised serum bile acid concentrations after occupational exposure to styrene: a possible sign of hepatotoxicity? C EDLING AND C TAGESSON *page* 257

Genotoxic exposure of workers creosoting wood R P BOS, C T J HULSHOF, J L G THEUWS, AND P Th HENDERSON *page* 260

Hair chromium concentration and chromium excretion in tannery workers G SANER, V YÜZBAŞIYAN, AND S ÇIĞDEM *page* 263

Prognostic value of acetylcholine challenge test: a prospective study Q T PHAM, J M MUR, N CHAU, M GABIANO, J C HENQUEL, AND D TECULESCU *page* 267

Thin layer chromatography of p-aminophenol in urine after mixed exposure to aniline and toluene GRAZYNA BIENIEK, KRYSZYNA KARMAŃSKA, AND T WILCZOK *page* 272

Optimum weights for commercial divers R I McCALLUM AND A PETRIE *page* 275

Is chronic detergent ingestion harmful to the gut? L A MERCURIUS-TAYLOR, A P JAYARAJ, AND C G CLARK *page* 279

Notes and miscellanea:

Actual hazard of methyl bromide fumigation in soil disinfection *page* 282

Lung mechanics in relation to radiographic category of coalworkers' simple pneumoconiosis *page* 284

Notice: Royal College of Physicians of Ireland: Faculty of Occupational Medicine *page* 285

Correction: Fibre type and concentration in the lungs of workers in an asbestos cement factory (Nov. 1983) *page* 285

Information section *page* 286