

# BRITISH JOURNAL OF INDUSTRIAL MEDICINE

EDITOR  
RICHARD SCHILLING

EDITORIAL COMMITTEE

J. M. BARNES  
SIR FREDERIC BARTLETT  
THOMAS BEDFORD  
G. R. CAMERON  
T. A. LLOYD DAVIES  
C. M. FLETCHER  
J. C. GILSON  
M. W. GOLDBLATT

A. BRADFORD HILL  
DONALD HUNTER  
R. E. LANE  
A. MEIKLEJOHN  
L. G. NORMAN  
H. OSMOND-CLARKE  
J. R. SQUIRE  
EDITOR, *British Medical Journal*

APPOINTED BY THE  
BRITISH MEDICAL ASSOCIATION AND THE ASSOCIATION OF INDUSTRIAL MEDICAL OFFICERS

CONTENTS

|  | PAGE |
|--|------|
| Respirators for Protection Against Mercury Vapour. V. B. VOUK, Z. TOPOLNIK, and M. FUGAŠ .. .. .   | 69   |
| The Action of Flint of Variable Size Injected at Constant Weight and Constant Surface into the Lungs of Rats. E. J. KING, G. P. MOHANTY, C. V. HARRISON, and G. NAGELSMIDT | 76   |
| Dust Sampling to Simulate the Human Lung. H. H. WATSON .. .. .   | 93   |
| Pneumoconiosis of Coal Miners in Scotland. JOHN BLACK .. .. .  | 101  |
| A Pilot Investigation into the Occurrence of Pneumoconiosis in Large Power Stations in South Wales. IDRIS DAVIES .. .. .   | 111  |
| The Expected Frequency of Bladder Tumour in Works Populations. R. A. M. CASE.. .. .  | 114  |
| Methyloctylbenzenesulphonate : A New Industrial Sensitizing Agent. C. N. D. CRUICKSHANK and H. HOWARD-SWAFIELD.. .. .  | 121  |
| Psychological Handicap in Relation to Productivity and Occupational Adjustment. MORRIS MARKOWE and L. E. D. BARBER .. .. .   | 125  |
| Book Reviews .. .. .   | 132  |
| Abstracts .. .. .  | 138  |

LONDON  
BRITISH MEDICAL ASSOCIATION  
TAVISTOCK SQUARE, W.C.1