

Postgraduate Medical Journal

Editor

A. A. G. LEWIS B.Sc. M.D. F.R.C.P.

Advisory Editorial Board

A. G. Apley F.R.C.S.

D. Barltrop B.Sc. M.D. M.R.C.P. D.C.H.

E. H. Brown D.M. M.R.C.P. D.C.H.

H. L. Cochrane F.R.C.S.

J. O. Craig F.R.C.S.I. D.M.R.D. F.F.R.

M. Davidson D.M. F.R.C.P.

H. Ellis M.A. D.M. F.R.C.S.

J. P. Hopewell F.R.C.S.

D. G. James M.A. M.D. F.R.C.P.

S. B. Karani D.P.H. F.R.C.P.

C. E. Newman C.B.E. M.D. F.R.C.P.

K. I. Nissen F.R.C.S.

J. W. Paulley M.D. F.R.C.P.

N. E. Stidolph F.R.C.S.

P. K. Thomas B.Sc. M.D. F.R.C.P.

Editorial Representative for U.S.A.

D. Rabinowitz M.D. M.R.C.P. M.R.C.P.E.

Johns Hopkins University School of Medicine, Baltimore, Md

Editorial Representative for Australia

Sir Clive Fitts M.D.(MELB.) F.R.C.P.(LOND.) F.R.A.C.P.

Editorial Assistant

Mrs M. E. Coops B.Sc.

Postgraduate Medical Journal is published monthly for the Fellowship of Postgraduate Medicine by Blackwell Scientific Publications Ltd. The annual subscription is 120s (\$20.00) post free, and the price of single issues 15s (\$2.50) postage extra. Orders for back issues published up to December 1966 and correspondence from Fellows and Associates should be sent to Mrs H. Seaman, Secretary, The Fellowship of Postgraduate Medicine, 9 Great James Street, London, W.C.1 (tel: CHAncery 6900); other orders and business correspondence should be addressed to Blackwell Scientific Publications Ltd, 5 Alfred Street, Oxford (tel: Oxford 40201).

All editorial correspondence should be addressed to Dr A. A. G. Lewis, The Postgraduate Medical Journal, 9 Great James Street, London, W.C.1 (tel: CHAncery 6900).

Advertisement enquiries and bookings should be addressed to S. & H. Fretwell Ltd, 267 Portland Road, London, S.E.25 (tel: ADDiscombe 8921/2).

The Fellowship of Postgraduate Medicine was founded by a group of London consultants after the First World War to assist postgraduates, particularly those coming to London from the Commonwealth, to pursue their studies. The Fellowship first published the *Postgraduate Medical Journal* to give infor-

mation about lectures, conferences and courses and to provide a monthly review of all branches of medicine.

Postgraduate Medical Journal publishes original papers on subjects of current clinical importance and welcomes review articles with extensive, up-to-date bibliographies as guides to further reading. Several symposia are published every year, each devoted to a single subject and written, by invitation, by specialists in different disciplines. Every issue includes authoritative Current Surveys of clinical problems, as well as well-documented Reports of cases of particular interest, Book Reviews and Postgraduate News.

A 'Notice to Contributors' is published facing the inside back cover of this issue. The Editor reserves the right to make changes which may clarify or condense papers where this is considered desirable.

© The contents of this Journal are copyright and, subject to the provisions of Section 7 of the Copyright Act, 1956, they may not be copied, adapted or reproduced without permission. Requests for permission to reproduce material elsewhere, either in whole or in part, should be addressed to the Editor, Postgraduate Medical Journal, 9 Great James Street, London, W.C.1.

R34
P35
44
January
Biological
Sciences
Library

Festschrift for

Sir JOHN McMICHAEL

F.R.S., M.D., D.Sc., LL.D., F.R.C.P., F.A.C.P.

Director, British Postgraduate Medical Federation

Formerly Professor of Medicine, University of London, and

Director, Department of Medicine, Postgraduate Medical School of London

Contents

John McMichael5 C. E. NEWMAN	Renal disease in pregnancy 45 K. F. FAIRLEY AND PRISCILLA KINCAID-SMITH
Oliver and Schäfer's discovery of the cardio-vascular action of suprarenal extract6 H. BARCROFT AND J. F. TALBOT	Research into bronchitis and emphysema48 C. M. FLETCHER, N. L. JONES AND E. J. M. CAMPBELL
Some studies on inherited disease using the techniques of cell culture9 A. G. BEARN	Standard procedures for assessing hypersecretion or secretory capacity for human growth hormone, using the radioimmunoassay53 RUSSELL FRASER AND A. D. WRIGHT
Enteropoiesis: structural and functional relationships of the enterocyte12 C. C. BOOTH	Total fasting in the treatment of obesity58 I. C. GILLILAND
Distribution of diffusing capacity in obstructive lung disease16 WILLIAM A. BRISCOE	Mitral regurgitation in congestive cardiomyopathy62 J. F. GOODWIN
The Cheshire Cat syndrome19 E. G. L. BYWATERS	Some aspects of the long-term treatment of severe hypertension with methyldopa66 M. HAMILTON
Some recent advances in adrenal diagnosis23 C. L. COPE AND D. MATTINGLY	Iodine balance in man69 MICHAEL T. HARRISON
Studies on the action of bronchial muscle26 JOHN CROFTON	John McMichael's multisystem interests71 D. GERAINT JAMES AND O. P. SHARMA
The formation of collaterals28 C. T. DOLLERY	Acute tubular insufficiency.....75 A. M. JOEKES
Studies on the metabolism of angiotensin31 AUSTIN E. DOYLE	The Epping Jaundice after two years78 HARRY KOPELMAN
Forearm blood flow and heart rate after haemorrhage.....35 O. G. EDHOLM AND J. D. HATCHER	The value of praecordial pulsations in the diagnosis of heart disease 81 PATRICK MOUNSEY
The spatial vectorcardiogram in diagnosis39 D. EMSLIE-SMITH AND K. G. LOWE	The regulation of cholesterol metabolism86 N. B. MYANT

The systolic murmur in hypertrophic obstructive cardiomyopathy and the nature of the obstruction	89	Hepato-lienal fibrosis without cirrhosis: non-cirrhotic intrahepatic portal hypertension	109
M. NELLEN AND M. S. GOTSMAN		SHEILA SHERLOCK	
A modified index of phosphate excretion	93	The management of the coronary crisis	111
B. E. C. NORDIN AND L. BULUSU		J. P. SHILLINGFORD	
The Achilles tendon reflex as an index of thyroid function	97	Failure of folic acid to influence mortality of rats with acute tubular necrosis caused by mercury	116
GEORGE NUKI AND R. I. S. BAYLISS		I. TARABA AND G. M. BULL	
Recent trends in acute viral hepatitis	102	Synalbumin insulin antagonism	117
STUART J. SAUNDERS		J. VALLANCE-OWEN	
A 'burnt-out' case of sarcoidosis	105	Regional differences in the lung	120
J. G. SCADDING		JOHN B. WEST	
		The papers of John McMichael.....	123