CONTENTS

The pattern of porphyrin isomer accumulation and excretion in symptomatic porphyria
E. Dowdle, P. Goldswain, Norma Spong and L. Eales 147–158

The incorporation of [4-14C] δ-aminolaevulic acid into urinary porphyrins in symptomatic porphyria
P. Goldswain, E. Dowdle, Norma Spong and L. Eales 159–168

An approach to the problems of acid-base balance
C. T. Kappagoda, R. J. Linden and H. M. Snow 169–182

Comparative effects of dihydroergotamine and noradrenaline on resistance, exchange and capacitance functions in the peripheral circulation
S. Mellander and I. Nordenfelt 183–201

Contribution of hypercapnia and hypoxia to the vascular response to ischaemia
H. A. Kontos, D. W. Richardson, A. J. Raper and J. L. Patterson Jr. 203–222

A method for measuring human skin elasticity in vivo with observations on the effects of age, sex and pregnancy
R. Grahame 223–238

Central vasomotor stimulation by angiotensin
C. M. Ferrario, C. J. Dickinson and J. W. McCubbin 239–245

Physiological effects of repeated exercise
C. T. M. Davies, W. Tuxworth and J. M. Young 247–258

Blood pyruvate and lactate levels during oral and intravenous glucose tolerance tests in diabetes mellitus

The effects of obesity and maturity-onset diabetes mellitus on L(+)-lactic acid metabolism
J. W. H. Doar and D. G. Cramp 271–279

Magnesium metabolism in primary hyperparathyroidism
R. G. King and S. W. Stanbury 281–303

Sugar absorption and intestinal motility in children when malnourished and after treatment
W. P. T. James 305–318

A whole body counter for serial studies of total body potassium
K. V. Johny, B. W. Worthley, J. R. Lawrence and M. W. O'Halloran 319–326

The site of cardiovascular action of angiotensin II in the brain
M. D. Joy and R. D. Lowe 327–336