Calcium metabolism and $^{47}$Ca. Calcium kinetics before and after long-term thyrocalcitonin treatment in senile osteoporosis
A. CANIGGIA, C. GENNARI, M. BENCINI, L. CESARI and G. BORRELLO 397–407

Changes of renin in individual glomeruli in response to variations of sodium intake in the rabbit
H. GAVRAS, J. J. BROWN, A. F. LEVER and J. I. S. ROBERTSON 409–413

Nocturia in patients on long-term steroid therapy
J. P. THOMAS, G. A. COLES and A. H. EL SHABOURY 415–425

Influence of dietary sucrose on glucose and fructose tolerance and triglyceride synthesis in the baboon
T. M. COLTART and J. N. CROSSLEY 427–437

Observations of renal function in patients undergoing therapeutic diuresis with frusemide
R. F. JEWKES, N. BURKI and A. GUZ 439–449

Influence of anaesthesia on the regional distribution of perfusion and ventilation in the lung
G. H. HULANDS, R. GREENE, L. D. ILIFF and J. F. NUNN 451–460

Lability of pulmonary pressure/flow curves during exercise in clinically mild bronchitis; evidence for a pulmonary vascular sluice in man
G. B. FIELD and J. E. COTES 461–477

The mechanism of diuresis caused by renal lymphatic obstruction
T. WADA, M. OGAWA, J. ISHIKAWA, M. YAMOUCHI, E. KATO and S. ASANO 479–489

Circulatory reflexes in cerebral ischaemia involving different vascular territories
M. GROSS 491–502

The hypoxic drive to breathing in chronic bronchitis and emphysema
D. C. FLENLEY, D. H. FRANKLIN and J. S. MILLAR 503–518

A detailed study of the urinary peptides in a patient with osteomalacia and hyperparathyroidism
ROSE CAHILL, R. SMITH and R. G. WESTALL 519–532

The urinary excretion of lysozyme in dogs
J. F. HARRISON and A. D. BARNES 533–547

MEDICAL RESEARCH SOCIETY (Meeting held on 20 February 1970)

Communications 23p–27p

Demonstrations 27p–29p