## Clinical

## SCIENCE

Volume 84, part 3

**March 1993** 

EDITORIAL REVIEW	
Tumour necrosis factor-α: its role in the metabolic response to sepsis by T. van der Poll and H. P. Sauerwein	247–256
GLAXO/MRS YOUNG INVESTIGATOR MEDAL	
Genetics of a multifactorial disease: autoimmune type 1 diabetes mellitus by R. J. Cornall	257–262
PAPERS	
Cardiovascular responses to a high-fat and a high-carbohydrate meal in healthy elderly subjects by M. B. Sidery, A. J. Cowley and I. A. Macdonald	263–270
Paradoxical forearm vasodilatation and haemodynamic improvement during cardiopulmonary baroreceptor unloading in patients with congestive heart failure by K. NISHIAN, S. KAWASHIMA and T. IWASAKI	271–280
Chronic insulin treatment in rats: evidence against a role for insulin as a pressor agent by F. Vargas, J. M. Sabio, M. A. Castillo, J. de Dios Luna, J. M. Haro and C. García del Río	281–286
Free-radical scavengers, thiol-containing reagents and endothelium-dependent relaxation in isolated rat and human resistance arteries by W. Sunman, A. D. Hughes and P. S. Sever	287–295
Lack of effect of peripheral nervous blockade on nocturnal fluctuations in lower-leg subcutaneous blood flow in man by J. H. SINDRUP, L. J. PETERSEN, J. KASTRUP, H. WROBLEWSKI and J. K. KRISTENSEN	297–304
Cerebrospinal fluid levels of substance P and calcitonin-gene-related peptide: correlation with sural nerve levels and neuropathic signs in sensory diabetic polyneuropathy by C. Tsigos, L. T. Diemel, A. White, D. R. Tomlinson and R. J. Young	305–311
Possible long-lasting inhibition of converting enzyme by enalapril in human cerebrospinal fluid by M. Fanciullacci, M. Alessandri, M. Nicolodi, S. Michelacci and F. Sicuteri	313–317
Nocturnal desaturation and serum erythropoietin: a study in patients with chronic obstructive pulmonary disease and in normal subjects by M. F. FITZPATRICK, T. MACKAY, K. F. WHYTE, M. ALLEN, R. C. TAM, C. J. DORE, M. HENLEY, P. M. COTES and N. J. DOUGLAS	319–324
Effects of correcting arterial hypoxaemia on respiratory resistance in patients with chronic obstructive pulmonary disease by C. I. Coe and N. B. Pride	325–329
Normal values for handgrip strength in 920 men and women aged over 65 years, and longitudinal changes over 4 years in 620 survivors by E. J. Bassey and U. J. Harries	331–337
Electron paramagnetic resonance spectroscopy of stable free radicals in the liver compared with ultrastructural and functional damage in a rat model of alcohol- and iron-overload by G. P. Butcher, N. Deighton, R. M. Batt, B. Ding, S. Haywood, J. Hoffman, M. J. Jackson, M. C. R. Symons and J. M. Rhodes	339–348
Altered glomerular steady-state levels of tumour necrosis factor-α mRNA during nephrotic and sclerotic phases of puromycin aminonucleoside nephrosis in rats by T. Nakamura, I. Ebihara, M. Fukui, T. Takahashi, Y. Tomino and H. Koide	349–356
SUPPLEMENT 28	
Communications for the Winter Meeting of the Medical Research Society held in conjunction with the Science and Medicine Conference of the Royal College of Physicians on 5 and 6 November 1992 at the Royal College of Physicians, London	1p-47p