

Volume 66

SUBJECT INDEX

First and last page numbers of papers to which entries refer are given. Page numbers marked with an asterisk refer to Editorial Reviews.

- Acute-phase response, inflammation 165-171
- Adenosine cyclic 3':5'-monophosphate
glucagon 557-559
idiopathic calcium stone-formers 193-199
magnesium, ileum 465-471
parathyroid hormone 557-559
- Adenosine triphosphatase, Na⁺,K⁺-dependent
[arginine]vasopressin 561-567
brain 415-420
digoxin 569-574
erythrocyte 351-355
myocardium 421-426
renal failure 569-574
- Adenylate cyclase, calmodulin 497-508*
- Adipose tissue, ephedrine-induced thermogenesis 179-186
- Adrenal gland
angiotensin II 299-305
calcium antagonists 249-255*
potassium homoeostasis 377-382*
regeneration hypertension 129-140
- Adrenaline
alcohol 643-648
exercise 87-90
- Adrenoceptor, ageing 509-515*
- β -Adrenoceptors; circadian variation 323-328
- β -Adrenoceptor, lymphocyte, cardiac sensitivity 697-699
- Ageing
adrenergic mechanisms 509-515*
cardiac sensitivity 697-699
- Air flow, respiratory, radioaerosol distribution 525-531
- Airway resistance, exercise, adrenergic and vagal blockade 79-85
- Albumin
experimental hyperalbuminaemia 201-206
urinary clearance 47-54
- Alcohol
blood pressure 643-648, 659-663
catecholamines 643-648
environmental temperature 733-739
skeletal myopathy 69-78
- Alcoholic skeletal myopathy, muscle enzymes 69-78
- Alcoholism, hepatic reduced glutathione 283-290
- Aldosterone
adrenal regeneration hypertension 129-140
alcohol withdrawal 659-663
captopril 299-305
dopaminergic regulation 631-637*
ketanserin 17-25
myocardial Na⁺,K⁺-ATPase 421-426
potassium homoeostasis 377-382*
prostacyclin 33-37
salt intake 427-433
- Allopurinol, jejunal absorption 257-267
- Almitrine, chronic obstructive pulmonary disease 435-442
- Amino acids, branched-chain 1-15*
- Angiotensin, ketanserin 17-25
- Angiotensin II
captopril 299-305
mononuclear cell binding 605-612
myotropism 517-524
platelet receptors 725-731
pregnancy, prostaglandin E₂ 399-406
proximal tubule 541-544
receptor 605-612
renovascular hypertension 473-480
- Angiotensin-converting enzyme, blood vessels 39-45
- Anthropometry
forearm 683-689
leg muscles 277-282
- Antibody, antitrypsin 217-224
- α_1 -Antitrypsin, leucocyte elastase 217-224
- Arginine, whole body nitrogen kinetics 337-342
- [Arginine]Vasopressin, Na⁺,K⁺-ATPase activity 561-567
- Arteries, digital, platelet-derived contractile agents 443-451
- Arterioles, potassium dilatation 237-239
- Arteriovenous anastomoses, histamine 343-349
- Asthma
airway resistance 79-85
lung, radioaerosol distribution 525-531
methacholine 665-673
- Asthma, extrinsic, β_2 -adrenoceptor circadian variation 323-328
- Atrophy, muscle, lower leg fracture 277-282
- Atropine, asthma 665-673

- Baroreflexes, subatmospheric pressure 141-146
 Baroreflex sensitivity, nicardipine 233-235
 l-Benzylimidazole, platelet aggregation 443-451
 Bile, ursodeoxycholate and 7-ketolithocholate secretion 487-491
 Bile acids, liver conjugating capacity 487-491
 Bile acids, brain Na⁺, K⁺-dependent ATPase inhibition 415-420
 Bile lipids, Gilbert's syndrome 389-397
 Bile salts, conjugation and biliary secretion 487-491
 Bilirubin, Gunn rat liver 481-486
 Bilirubin metabolism, clofibrate 389-397
 Blood flow
 adipose tissue 179-186
 fingertip 343-349
 splenic 55-62
 temperature 27-32
 Blood pressure
 alcohol 643-648, 659-663
 body fluid volume 91-98
 erythrocyte sodium 427-433
 ketanserin 17-25
 opioid peptides 625-630*
 prostacyclin 33-37
 Blood vessels, angiotensin-converting enzyme 39-45
 Blood viscosity, in-line measurement 575-583
 Blood volume, continuous measurement during dialysis 575-583
 Body composition, computed tomography 683-689
 Body fluids, dialysis procedures 575-583
 Body heating, blood flow 27-32
 Body temperature, brown fat 179-186
 Bone
 density 109-112
 forearm 683-689
 osteoporosis 109-112
 Boolean function, disease description 307-315
 Borderline hypertension, salivary flow 599-604
 Brain Na⁺, K⁺-dependent adenosine triphosphatase 415-420
 Branched-chain amino acids 1-15*
 Branched-chain keto acids 1-15*
 Breast milk, osmolality in dehydration 291-298
 Breathing control, arterial CO₂ 639-642*
 Bromosulphophthalein metabolism, clofibrate 389-397
 Bronchial challenge, methacholine in asthma 665-673
 Brown fat, interscapular 179-186
 Calcium
 absorption 193-107, 745-748
 adenosine cyclic 3',5'-monophosphate 193-199
 Calcium (*continued*)
 binding, calmodulin 497-508*
 excretion index 187-191
 muscle damage 317-322
 renal tubular handling 187-191
 Calcium antagonists, hormone release 249-255*
 Calcium channel antagonists 233-235
 Calcium pump, erythrocyte, hypertension 459-463
 Calmodulin
 cell function 497-508*
 erythrocyte, hypertension 459-463
 Captopril
 angiotensin II 299-305
 platelet ANG II receptors 725-731
 renal tubule 541-544
 Carboxypeptidase, angiotensin II mononuclear cell binding 605-612
 Carbohydrate, tolerance 649-657
 Carbon dioxide, arterial, breathing control 639-642*
 Cardiac output, body fluid volume 91-98
 Catecholamines
 ephedrine-induced thermogenesis 179-186
 ketanserin 17-25
 potassium homeostasis 377-382*
 salt intake 427-433
 saralasin 517-524
 Cathartics, ileal ion transport 465-471
 Cation transport, digoxin 569-574
 Cellular exfoliation, gastric mucosa 701-708
 Cerebrospinal fluid, sodium and prostaglandin inhibitor 621-624
 Charge effects, proteinuria induction 201-206
 Chemotherapy, leukaemia and glycine turnover 147-154
 Chloride, angiotensin-converting enzyme 39-45
 Chlorpheniramine, methacholine in asthma 665-673
 Cholesterol, plasma, genetic hypertension 717-723
 Chromium (⁵¹Cr)-labelled ethylenediaminetetraacetic acid, renal clearance 613-619
 Chromogenic assay, plasma factor XII and prekallikrein activity 533-539
 Chronic obstructive lung disease, muscarinic cholinergic receptors 585-590
 Cimetidine, fingertip circulation and histamine 343-349
 Circadian variation, lymphocyte β₂-adrenoceptors 323-328
 Cirrhosis
 carbohydrate tolerance 649-657
 leucocyte sodium 741-744
 Clearance
 hyperoxaluria 591-597
 kinetics 613-619

- Clofibrate, Gilbert's syndrome 389-397
 Cobalamins, metabolism 113-121*
 Coeliac disease, fractionated gliadin 357-364
 Computed tomography
 body composition 683-689
 osteoporosis 109-112
 Computer-assisted diagnosis 307-315
 Contractile properties, immobilized leg muscles 277-282
 Converting-enzyme inhibition
 angiotensin II 299-305
 captopril 541-544
 Corticosteroids
 myocardium Na⁺, K⁺-dependent ATPase 421-426
 potassium homeostasis 377-382*
 Corticosterone, adrenal regeneration hypertension 129-140
 Cortisol, alcohol 643-648, 659-663
 Creatinine, urinary concentration/height index 63-68
 Cryoactivation, plasma prorenin 533-539
 Cyanide, metabolism 113-121*
 Cyclic AMP see Adenosine cyclic 3',5'-monophosphate
- Dehydration, milk synthesis in lactation 291-298
 Deoxyribonucleic acid polymorphism, non-insulin-dependent diabetes 383-388
 Dexamethasone, myocardial Na⁺, K⁺-dependent ATPase 421-426
 Diabetes mellitus
 carbohydrate tolerance 649-657
 non-insulin-dependent, DNA polymorphism 383-388
 Diabetes insipidus, nephrogenic 709-715
 Diagnosis, Boolean function 307-315
 [^{99m}Tc]Diethylenetriaminepenta-acetate, extracellular fluid volume 591-597
 Digitalis-like material, sodium and tissue distribution 225-228
 Digoxin, cation transport 569-574
 1,25-Dihydroxyvitamin D receptors, jejunal villous cells 745-748
 Diphenylhexatriene fluorescence polarization, cell membrane 717-723
 Distribution volume, oxalate 591-597
 DNA radioimmunoassay, gastric mucosa exfoliation 701-708
 Dopamine
 aldosterone secretion 631-637*
 urinary sodium 751
 Dopamine β-hydroxylase, alcohol withdrawal 659-663
- Endocrine secretion, calmodulin 497-508*
 Endocytosis, inhibitors 605-612
- Endothelium, angiotensin-converting enzyme 39-45
 Endotoxin, fulminant hepatic failure 415-420
 Enkephalin, blood pressure 625-630*
 Enzyme efflux, muscle, calcium 317-322
 Ephedrine, thermogenesis 179-186
 Epidemiology, middle-aged hypertension in men 427-433
 Erythrocytes
 blood clearance kinetics 55-62
 calcium pump 459-463
 calmodulin, hypertension 459-463
 ghosts, genetic hypertension 717-723
 Na⁺, K⁺-ATPase 351-355
 sodium 365-368, 427-433
 Essential hypertension 549-463
 Ethanol, environmental temperature 733-739
 Exercise
 adrenaline secretion 87-90
 airway resistance 79-85
 ketanserin 17-25
 Extracellular fluid volume, hyperoxaluria 591-597
- Factor XII, plasma prorenin cryoactivation 533-539
 Fasting, cardiovascular responses 141-146
 Fasting hyperbilirubinaemia 493-496
 Fat, forearm 683-689
 Fat-free body mass, potassium 749-750
 Fatty acid oxidation 173-178
 Fingertip blood flow, histamine 343-349
 Fluid balance, experimental hypertension 545-549
 Food, digestibility 649-657
 Food bulk, intestinal, serum bilirubin 493-496
 Foot, temperature and blood flow 27-32
 Forearm resistance vessels, hypertension 237-239
 Fructose 1,6-bisphosphatase, chronic alcoholic skeletal myopathy 69-78
 Frusemide, sodium transport inhibitory factor 365-368
 Fulminant hepatic failure, brain Na⁺, K⁺-dependent ATPase toxins 415-420
- Gas chromatography-mass spectrometry, glycine turnover 147-154
 Gas exchange, pulmonary, almitrine 435-442
 Gastric acid secretion, pentagastrin 99-101
 Gastric emptying, guar gum 329-336
 Gastric mucosa, exfoliation, DNA radioimmunoassay 701-708
 Gilbert's syndrome
 clofibrate 389-397
 feeding and fasting 493-496
 Gliadin, coeliac disease 357-364

- Glomerular filtration rate
 ^{99m}Tc-DTPA 613-619
 ⁵¹Cr-EDTA 613-619
 hyperoxaluria 591-597
 Glomerular ultrafiltration, bovine albumin 47-54
 Glomerulus, experimental hyperalbuminaemia 201-206
 Glucagon, lithium and cyclic AMP response 557-559
 Glucose, ephedrine-induced thermogenesis 179-186
 Glucose tolerance, guar gum 329-336
 α -Glucosidase, chronic alcoholic skeletal myopathy 69-78
 Glutathione, liver, chronic alcoholism 283-290
 Gluten, coeliac disease 357-364
 Glycerol, ephedrine-induced thermogenesis 179-186
 Glycine kinetics 337-342
 [¹⁵N]Glycine, metabolism in leukaemia 147-154
 Glycogen, chronic alcoholic skeletal myopathy 69-78
 Glycogen phosphorylase, chronic alcoholic skeletal myopathy 69-78
 Glycolysis, muscle, chronic alcoholic skeletal myopathy 69-78
 Goldblatt hypertension
 exchangeable sodium 545-549
 proximal tubule function 541-544
 Gonads, calcium antagonists 249-255*
 Guanosine cyclic 3',5'-monophosphate, magnesium on ileum *in vitro* 465-471

 Haemodialysis, continuous measurement of blood volume 575-583
 Haemodynamics
 body fluid volume 91-98
 ketanserin 17-25
 Heart, continuous left ventricular monitoring 551-556
 Height, index urinary creatinine 63-68
 Hepatic encephalopathy, branched-chain amino and keto acids 1-15*
 Histamine, fingertip blood flow 343-349
 Hormones, calcium-dependent release 249-255*
 Human milk
 osmolality in dehydration 291-298
 preterm infant protein turnover 155-164
 Hydrochlorothiazide, nephrogenic diabetes insipidus 709-715
 Hydrogen ion, prostaglandin E₂ excretion 675-681
 5-Hydroxytryptamine, ketanserin 17-25
 Hypercalcaemia, malignancy 187-191
 Hyperoxaluria, primary, oxalate dynamics and clearance 591-597

 Hypertension
 arterioles, potassium 237-239
 borderline 599-604
 corticosteroids, Na⁺, K⁺-ATPase 421-426
 erythrocyte calcium 459-463
 erythrocyte potassium 351-355
 erythrocyte sodium 427-433
 essential 299-305, 459-463
 6-ketoprostaglandin F_{1 α} 453-457
 salt intake 427-433
 sodium pump 237-239
 Hypertension, experimental
 adrenal regulation 129-140
 angiotensin II 473-480
 body fluid volume 91-98
 exchangeable sodium 545-549
 genetic 717-723
 proximal tubular function 541-544
 sodium intake 269-276
 Hypokalaemia, myeloid leukaemia 365-368
 Hyponatraemia, myeloid leukaemia 365-368
 Hypothyroid myopathy 63-68
 Hypoxanthine, allopurinol metabolism 257-267

 Ileum, magnesium on ion transport 465-471
 Immobilization, leg muscle contractility 277-282
 Immunity, undernutrition 241-248*
 Immuno-electrophoresis, α_1 -antitrypsin 217-224
 Immunoglobulin, multiple myeloma 229-232
 Indium (¹¹¹In)-labelled erythrocytes 55-62
 Indocyanine green metabolism, clofibrate 389-397
 Indomethacin
 nephrogenic diabetes 709-715
 platelet aggregation 443-451
 Induction plethysmography 435-442
 Inflammation, prostaglandin E₁ 165-171
 Insulin gene, DNA polymorphism 383-388
 Intestinal transport
 allopurinol 257-267
 glucose 329-336
 oxypurinol 257-267
 Intestine, villous 1,25-dihydroxyvitamin D receptors 745-748
 Intracellular sodium, renal hypertension 351-355
 Inulin, renal clearance 613-619
 Ion transport, ileum 465-471
 Iron salts, rheumatoid synovial fluid 691-695
 Irritable bowel syndrome, Boolean function diagnosis 307-315
 Islet tissue, calcium antagonists 249-255*
 Isoelectric focusing, urinary immunoglobulin light chain 229-232
 Isoprenaline, cardiac sensitivity 697-699

- Jejunum**
 allopurinol and oxypurinol transport 257-267
 1,25-dihydroxyvitamin D receptors 745-748
- Kallikrein, kidney secretion** 207-215
- Ketanserin**
 digital artery contraction 443-451
 haemodynamics and renin-angiotensin-aldosterone system 17-25
- Keto acids, branched-chain** 1-15*
- 7-Ketolithocholate, conjugation and biliary secretion** 487-491
- 6-Ketoprostaglandin F_{1α}, genetic hypertension** 453-457
- Kidney**
 bovine albumin 47-54
 calcium antagonists 249-255*
 diabetes insipidus 709-715
 erythrocyte Na⁺,K⁺-pump 351-355
 experimental hyperalbuminaemia 201-206
 kallikrein excretion 207-215
 malignancy hypercalcaemia 187-191
 multiple myeloma 229-232
 potassium homeostasis 377-382*
 prostaglandins 407-413, 675-681
 transplantation, hypertension 269-276
 tubular reabsorption 541-544
- Kidney disease, erythrocyte Na⁺,K⁺-pump** 351-355
- Kinins, renal kallikrein** 207-215
- Lactate**
 exercise 87-90
 ephedrine-induced thermogenesis 179-186
- Lactation, dehydration and milk synthesis** 291-298
- Left ventricular function, continuous monitoring** 551-556
- L-[1-¹³C]Leucine, preterm infant protein turnover** 155-164
- Leucocyte, cirrhosis, sodium transport** 741-744
- Leucocyte elastase, α₁-antitrypsin** 217-224
- Leukaemia, glycine metabolism** 147-154
- Light chain immunoglobulin, nephrotoxicity** 229-232
- Lipid peroxidation, rheumatoid arthritis** 691-695
- Lipoperoxidation, chronic alcoholism** 283-290
- Lithium treatment, cyclic AMP responses** 557-559
- Liver**
 bilirubin 389-397, 481-486
 chronic alcoholism 283-290
 4-nitrophenolglucuronosyltransferase 481-486
 sex hormones 369-376*
- Lung**
 muscarinic cholinergic receptors 585-590
 ventilation, almitrine 435-442
- Lymphocytes**
 β-adrenoceptor, cardiac sensitivity 697-699
 β₂-adrenoceptor circadian variation 323-328
- Lyon rat strain, genetic hypertension** 453-457
- Magnesium, ileal ion transport** 465-471
- Malignancy, hypercalcaemia** 187-191
- Megaloblastosis, cobalamin** 113-121*
- Membrane, fluidity** 717-723
- Mepyramine, fingertip circulation and histamine** 343-349
- Metabolic errors, cobalamin** 113-121*
- Methacholine, asthma** 665-673
- Metoclopramide, aldosterone secretion** 631-637*
- Micropuncture, Goldblatt hypertensive rats** 541-544
- Mitochondria, muscle fatty acid oxidation** 173-178
- Molecular charge, proteinuria induction** 201-206
- Mononuclear cells, angiotensin II binding** 605-612
- Morphine, blood pressure** 625-630*
- Mucus-bicarbonate barrier, gastric mucosa** 701-708
- Multiple myeloma, urinary immunoglobulin** 229-232
- Muscarinic cholinergic receptors, lung** 585-590
- Muscle, skeletal**
 damage, calcium 317-322
 fatty acid oxidation 173-178
 forearm 683-689
 glycolysis, disease 69-78
 maximum voluntary contraction 63-68
- Muscular dystrophy, branched-chain amino and keto acids** 1-15*
- Myeloid leukaemia, promyelocyte inhibition** 365-368
- Naloxone, opiate receptors** 625-630*
- Na⁺,K⁺-dependent ATPase see Adenosine triphosphatase, Na⁺,K⁺-dependent**
- Natriuresis, artificial cerebrospinal fluid** 621-624
- Needle biopsy, human skeletal muscle** 173-178
- Neomycin sulphate, prorenin cryoactivation** 533-539
- Nephrogenic diabetes insipidus, indomethacin and hydrochlorothiazide** 709-715
- Nephrolithiasis, urinary adenosine cyclic 3',5'-monophosphate** 193-199
- Neoplasia, cobalamin** 113-121*
- Neurotransmitter release, calmodulin** 497-508*
- Nicardipine, baroreflex sensitivity** 233-235

- Nitrogen metabolism 337-342
 4-Nitrophenolglucuronosyltransferase, Gunn rat liver 481-486
 Non-esterified fatty acids, ephedrine-induced thermogenesis 179-186
 Noradrenaline
 alcohol 643-648
 renovascular hypertension 473-480
 Nuclear magnetic resonance imaging 123-127*
- Oestradiol, liver cirrhosis 369-376*
 Oestrogens, intestinal 1,25-dihydroxyvitamin D receptors 745-748
 Opioid peptides, blood pressure regulation 625-630*
 Optic atrophies, cobalamin 113-121*
 Osteoporosis
 calcium absorption 103-107
 calcium balance 109-112
 post-menopausal 745-748
 Ouabain, sodium transport inhibitory factor 365-368
 Oxalate, dynamics and removal rates 591-597
 Oxalosis, oxalate dynamics and clearance 591-597
 Oxygen
 body fluid volume 91-98
 ephedrine-induced thermogenesis 179-186
 Oxypurinol, jejunal absorption 257-267
- Prostaglandins
 endogenous inhibitor 621-624
 excretion, uninephrectomy 407-413
 inflammation 165-171
 Prostaglandin E₂
 pregnancy and angiotensin II 399-406
 renal excretion 675-681
 Parasympathetic nervous system, borderline hypertension 599-604
 Parathyroid gland, calcium antagonists 249-255*
 Parathyroid hormone, lithium and cyclic AMP response 557-559
 Pedigree, non-insulin-dependent diabetes 383-388
 Pentagastrin, gastric acid secretion 99-101
 Peptic ulcer disease 701-708
 Pethidine, blood pressure 625-630*
 Phenolic acids, brain Na⁺, K⁺-dependent ATPase inhibition 415-420
 6-Phosphofructokinase, chronic alcoholic skeletal myopathy 69-78
 Pituitary gland, calcium antagonists 249-255*
 Plasma renin concentration, hypertension 269-276
 Plasma volume, adrenal regeneration hypertension 129-140
- Platelets
 angiotensin II receptors 605-612, 725-731
 digital artery contractile agent 443-451
 genetic hypertension 717-723
 splenic blood flow 55-62
 Posture, cardiovascular responses 141-146
 Potassium
 arterioles, hypertension 237-239
 fat-free body mass 749-750
 homoeostasis 377-382*
 Potassium chloride, antihypertensive effect 129-140
 Pregnancy, prostaglandin E₂ and angiotensin II 399-406
 Prekallikrein, plasma prorenin cryoactivation 533-539
 Premature infants, protein turnover 155-164
 Pressor mechanisms, alcohol 643-648
 Pressor responses, renovascular hypertension 473-480
 Pressoreceptors, nocardipine 233-235
 Prevalence studies, non-insulin-dependent diabetes 383-388
 Propranolol, airway resistance in exercise 79-85
 Prorenin, plasma cryoactivation 533-539
 Prostacyclin
 blood pressure and aldosterone production 33-37
 genetic hypertension 453-457
 Protein-calorie malnutrition, immunity 241-248*
 Protein metabolism, preterm infants 155-164
 Protein synthesis 337-342
 Proteins, inflammation acute-phase 165-171
 Protein-wasting, branched-chain amino and keto acids 1-15*
 Proteinuria, experimental hyperalbuminaemia 201-206
 Pulmonary gas exchange, almitrine 435-442
 Pyrilamine, fingertip circulation and histamine 343-349
- Quinuclidiny [*phenyl*-4-³H]benzilate, muscarinic cholinergic lung receptors 585-590
- Radioaerosol deposition, asthma lung 525-531
 Radionuclide
 angiography 551-556
 imaging, lung 525-531
 Ramadan, water abstention and lactation 291-298
 Renal failure
 branched-chain amino and keto acids 1-15*
 cation transport 569-574
 multiple myeloma 229-232
 oxalosis 591-597
 Renal hypertension, erythrocyte Na⁺, K⁺-pump 351-355

- Renal mass, prostaglandins excretion 407-413
 Renal medulla, Na⁺, K⁺-ATPase activity 561-567
 Renin
 alcohol, plasma activity 659-663
 Goldblatt hypertensive rats 545-549
 ketanserin 17-25
 pregnancy, prostaglandin E₂ 399-406
 renal transplantation hypertension 269-276
 renovascular hypertension 473-480
 saralasin 517-524
 Renovascular hypertension, experimental 473-480
 Respiration
 arterial CO₂ 639-642*
 control 435-442
 Respiratory failure 435-442
 Rubidium, distribution 569-574
 Salbutamol, asthma 665-673
 Salivary secretion, borderline hypertension 599-604
 Secretion rate, bile salt conjugation 487-491
 Serotonin
 digital artery contraction 443-451
 ketanserin 17-25
 Serum, sodium and digitalis-like material 225-228
 Skeletal muscle see Muscle, skeletal
 Skin temperature, interscapular 179-186
 Sodium
 efflux, erythrocyte 365-368
 exchangeable, hypertension 545-549
 intake, hypertension 427-433
 pump, hypertension 237-239
 renal transplantation hypertension 269-276
 tissue digitalis-like material 225-228
 Sodium transport, leucocyte, cirrhosis 741-744
 Solid-state detectors, continuous cardiac monitoring 551-556
 Spleen, blood erythrocyte clearance 55-62
 Stone, calcium 193-199
 Subatmospheric pressure, fasting 141-146
 Sympathetic nervous system
 borderline hypertension 599-604
 fasting 141-146
 saralasin 517-524
 Synovial fluid, rheumatoid arthritis 691-695
 Systemic sclerosis, prostaglandins 165-171
 Technitium (^{99m}Tc)-labelled diethylenetriamine-acetate, renal clearance 613-619
 Temperature
 blood flow 27-32
 ethanol responses 733-739
 Testosterone, liver cirrhosis 369-376*
 Tetraplegia, pressor response to saralasin 517-524
 Thermography, interscapular brown fat 179-186
 Thermoregulation, ethanol 733-739
 Thiobarbituric acid-reactive material, rheumatoid arthritis 691-695
 Thrombocytes see Platelets
 Thromboxan A₂, digital artery contractile response 443-451
 Thyroid gland, calcium antagonists 249-255*
 Triceps surae, contractile properties 277-282
 Trypsin, kallikrein activation 207-215
 Tubular reabsorption
 bovine albumin 47-54
 renal hypertension 541-544
 Turnover rate, glycine 147-154
 UDP-glucuronosyltransferase, Gunn rat liver 481-486
 Ultrafiltration, continuous measurement of blood volume 575-583
 Undernutrition, immunity 241-248*
 Uninephrectomy, prostaglandins excretion 407-413
 Urea kinetics 337-342
 Uric acid, transport 257-267
 Urine
 kallikrein 207-215
 protein 201-206
 Ursodeoxycholate, conjugation and biliary secretion 487-491
 Vagus blockade, airway resistance in exercise 79-85
 Ventilation
 almitrine stimulation 435-442
 distribution, radioaerosol 525-531
 Ventricle, heart, continuous monitoring 551-556
 Villus, jejunal, 1,25-dihydroxyvitamin D receptors 745-748
 Vitamin B₁₂, metabolism 113-127*
 vitamin D metabolites, vertebral fractures 103-107
 Volume of distribution, clearance kinetics 613-619
 Water balance, water abstention 291-298
 Wheat gliadin fractions, coeliac disease 377-364
 Xanthine, allopurinol metabolism 257-267