

Subject Index

- Acetazolamide, effect on ammonium excretion 205
Acetylcholine 183
Acidic glycosaminoglycans 346
Acute saline loading 302
 β -Amino acid transport 21
Ammonia production, renal 205
Aprotinin 302
ATPase of microsomes 318
- Bladder catheterization 130
Bradykinin 44
Brush border enzymes 266
- Ca²⁺ uptake in microsomes 318
Calcium repletion 318
Conscious dogs 295
Cortex 346
- DDAVP test 83
Dehydration test 83
Dermatan sulfate 346
Dietary linoleic acid 327
Distal tubules 29, 36
DNA 222
- Fever 130
Fluid 29
- Glomerular basement membrane 79
– capillaries 214
– filtration rate 272, 278, 333
Glomerulus 278, 333
Glucose transport 12
- Heparan sulfate 346
Human kidney 346
Hyaluronic acid 346
1 α -Hydroxycholecalciferol 318
Hypocalcemia 318
- Imidazole 278
Immunochemical basement membrane characterization 79
Indomethacin 98, 183, 295, 327
Intrarenal hemodynamics 302
Isolated dog kidney 65
– perfused kidney 244
– perfused rat kidney 12
– tubule segments 21
- Juxtaglomerular apparatus 257
- Kidney 340
– circulation 214
– function 83
Kidneys 222
Kinin synthesis 302
- Lactate 12
Lithium 83
- Macula densa 311
Medulla 346
Metabolic substrates 1
Methylguanidine 29
Micropuncture 36, 196
- Newborn rat kidney 79
Nondiuretic animals 122
- Oryctolagus cuniculus* 130
Osmotic diuresis 122
- Pars recta 196
Plasma renin activity (PRA) 90
– volume 333
Polyuria 83
Potassium 340
– excretion 1
– secretion 36
Pregnancy 333
Primate 272
Prostaglandin E₁ 257
– inhibition 44
Prostaglandins 44, 65, 98, 183, 278, 302
- Rabbits 130
Rat 83, 222
Renal autoregulation 214
– blood flow 272, 311
– blood vessels 214
– concentrating ability 83

- electrolyte handling 257
- enzymes with aging 266
- hemodynamics 244
- plasma flow rate 278, 333
- Redistribution of RBF 98
- Renin 183, 295
 - angiotensin 244
 - release 257
- Renomedullary interstitial cell granules 327
- RNA 222

- Salt-loaded rats 327
- Single nephron angiotensin II concentration 90
- Single nephron renin concentration (SNCR) 90
- Sodium 29, 340
 - and water excretion 295
 - excretion 183, 311
 - reabsorption 1, 36, 196
 - transport 12
- Substrates 12

- Thromboxane 278
- Triamterene 36
- Triiodothyronine 340

- Urate 122
- Ureteral ligation 98, 222
- Urinary bladder 130
- Urinary sodium excretion 65
- Urine production 130

- Volume expansion 122, 272