

SUBJECTS INDEX

- Acetyl-CoA-carboxylase, circadian rhythms, 239
Activity
 gabaergic, spinal cord, 11
 serotonergic, rat cerebral arteries, 175
Acute respiratory failure, oxygenation indices, 89
Adrenal gland, aminopeptidase activity, 125
Age, stress, lymphocytes redistribution, 159
Aging, aminopeptidase activity, 125
alpha-tocopherol, cytoprotection, 253
Amino acidemia, dietetic manipulation, 117
Aminopeptidase activity, adrenal gland, 125
Antiinflammatory drugs, peroxisomal enzymes, 259
Antioxidants, aged fibroblasts, 253
Apoproteins, diabetes type II, 145
ATP-citrate lyase, circadian rhythms, 239
Ascorbic acid, cytoprotection, 253

Bactericidal capacity, cefepime, 153
beta-adrenergic agonist, protein synthesis, 191
Bilirubin, ouabain binding, erythrocytes, 5
Blood
 plasma
 amino acids, glucose gavage, 117
 apoproteins, diabetes type II, 145
 C-peptide, insuline clearance, 27
 glucose, handling stress, 41
 lactate, handling stress, 41
 lipoproteins, diabetes type II, 145
 red cells, human fetal, ouabain binding, 5
Bone, protein synthesis, 191
Brain electrical activity mapping, visual stimulus, 1
Brush border enzymes, misoprostol, 75

C-peptide, insuline clearance, 27
Cafeteria diet, glucose gavage, amino acidemia, 117
Cardiovascular risk factors, enriched oil diets, 229
Catalytic site, CF1, 55
Cefepime, bactericidal serum capacity, 153
Cells
 erythrocytes, ouabain binding, 5
 fibroblasts, Vit C, Vit E, 253
 lymphocytes, redistribution, age, 159
Cerebral arteries, serotonergic activity, 175
Cerebral cortex, VIP antiserum, 109

CF1, catalytic, regulatory sites, 55
Chlorimipramine, serotonergic activity, 175
Cholecystokinin, exocrine pancreatic secretion, 35
Cholinergic factors, ethanol and pancreas, 81
Circadian rhythms, lipogenic activities, 239
Collagen metabolism, thyroxine, 127
Complement system, cefepime, 153
Continuous light, melatonin, sexual maturation, 193
Corticosterone, adrenal glands, 125
Cytoprotection, Vit C, Vit E, 253

Dead space, hypocapnia correction, 19, 89
Diabetes type II
 insulin clearance, 27
 lipoprotein composition, 145

Enriched oil diets, cardiovascular risk factors, 229
Enzymes
 acetyl-CoA-carboxylase, circadian rhythms, 239
 aminopeptidase, adrenal gland, 125
 ATP-citrate lyase, circadian rhythms, 239
 brush border, misoprostol, 75
 CF1, catalytic, regulatory sites, 55
 fatty acid synthetase, circadian rhythms, 239
 glutathione S-transferase, hair follicles, 103
 malic enzyme, circadian rhythms, 239
 peroxisomal, hypolipidemic, antiinflammatory drugs, 259

Estrous cycle, prolactin, 211
Ethanol, exocrine pancreatic secretion, 81
Exocrine pancreatic secretion, 35, 81
Extraction coefficient, hypocapnia, 19

Fatty acid synthetase, circadian rhythms, 239
Fibroblasts, Vit C, Vit E, 253
FITC, CF1 modification, 55

GABA receptors, spinal cord, 11
Galactose intestinal transport, mercury, 167
Gastrointestinal system
 pancreas
 ethanol effects, 81
 secretin, CCK, 35
 small intestine

- brush border enzymes, misoprostol, 75
- enterocytes, VIP, 109
- intestinal transport, mercury, 167
- GHRH, PRL secretion, 139
- Gluconeogenesis, kidney, seawater adaptation, 219
- Glucose gavage, plasma amino acids, 117
- Glutathione-S-transferase, hair follicles, 103
- Glycogenolysis, kidney, seawater adaptation, 219
- Hair follicles, glutathione-S-transferase, 103
- Handling, hematological changes, 41
- HbA_{1c}, diabetes type II, 145
- Hemolytic activity, cefepime, 153
- Homoquisqualamine, spinal cord effects, 11
- Hormones
 - cholecystokinin, exocrine pancreatic secretion, 35
 - corticosterone content, adrenal gland, 125
 - GHRH, PRL, hyposomatotropism, 139
 - insuline, type II diabetes, 27
 - LH, continuous light, melatonin, 193
 - melatonin, vaginal opening, 193
 - progesterone, luteolysis, 97
 - prolactine
 - luteolysis, 97
 - pulsatile secretion, ovariectomy, 211
 - secretion, hyposomatotropism, 139
 - secretin, exocrine pancreatic secretion, 35
 - thyroxine, collagen breakdown, 127
- Hydrogen peroxide, fibroblasts, 253
- Hypercortisolism, GHRH-induced PRL, 139
- Hyperhydration, hypokinesia, osteopenia, 245
- Hypo-, normo-, hypercapnia, mechanical ventilation, 19, 89
- Hypokinesia
 - fluid and salt supplementation, 245
 - osteoporosis, 47
- Hypolipidemic drugs, peroxisomal enzymes, 259
- Hyposomatotropism, GHRH-induced PRL, 139
- Insulin clearance, type II diabetes, 27
- Intestinal epithelial cells, VIP antiserum, 109
- Intestinal transport, mercury, 167
- Intrapulmonary shunt, mechanical ventilation, 89
- Kidney metabolism, seawater adaptation, 219
- LH, continuous light, melatonin, 193
- Lipogenesis, liver, circadian rhythms, 239
- Lipoproteins, diabetes type II, 145
- Luminous intensity, visual evoked potential, 1
- Luteolysis, morphological, RU486, 97
- Lymphocytes redistribution, age, stress, 159
- Malic enzyme, circadian rhythms, 239
- Malnutrition, enriched oil diets, 229
- Melatonin, vaginal opening, 193
- Mercury, intestinal transport, 167
- Metabolism, carbohydrate, kidney, 219
- Metaproterenol, bone protein synthesis, 191
- Misoprostol, brush border enzymes, 75
- Muscimol, serotonergic activity, 175
- Nervous system
 - cerebral cortex, VEP, 1, 183, 205
 - raphe nuclei, serotonergic activity, 175
 - spinal cord, GABAergic activity, 11
- NMDA receptor blockers, spinal cord, 11
- Obesity, GHRH-induced PRL, 139
- Osteopenia
 - hypokinesia, 47
 - fluid, salt supplementation, 245
- Ouabain binding, bilirubin, 5
- Ovariectomy, pulsatile prolactin, 211
- Oxidative stress, peroxisomal enzymes, 259
- Oxygenation indices, acute respiratory failure, 89
- Pancreas, see Gastrointestinal system
- Peroxisome enzymes, hypolipidemic, antiinflammatory drugs, 259
- Phenylalanine, intestinal transport, mercury, 167
- Physical activity-stress, lymphocytes distribution, 159
- Progesterone, luteolysis, 97
- Prolactin, see Hormones
- Protein synthesis, metaproterenol, 191
- Pulsatile release, prolactin, 211
- Quisqualamine, spinal cord effects, 11
- Raphe nuclei, serotonergic activity, 175
- Receptors
 - GABA, spinal cord, 11
 - YIP, cerebral cortex, enterocytes, 109
- Regulatory site, CF, 55
- RU486, morphological luteolysis, 97
- Seawater adaptation, kidney metabolism, 219
- Secretin, exocrine pancreatic secretion, 35
- Sexual maturation, melatonin, continuous light, 193
- Small intestine, see Gastrointestinal system
- Spinal cord *in vitro* preparation, 11
- Stress, hematological changes, 41
- Sulfonylurea, insuline clearance, 27
- Surgery, hematological changes, 41
- Systemic vascular resistance, hypocapnia, 19
- Thyroxine, collagen breakdown, 127
- Tissular oxygenation, hypocapnia, 19
- Typology of VEP, flash response, 183
- Vaginal opening, continuous light, melatonin, 193
- Vasoactive intestinal peptide, receptors, 109
- VIP antiserum, intestine, cerebral cortex, 109
- Visual evoked potential
 - brain activity maps, 1
 - to flash, 183
 - to pattern reversal, 205