

SUBJECT INDEX

- Acetylcholine release, 491
 amnesia
 aniracetam
 drug interactions
 oxiracetam
 scopolamine
- Acoustic startle, 749
 diethylpropion
 fenfluramine
 phentermine
 phenylpropanolamine
- Acquisition, 483
 radial maze performance
 scopolamine
 spatial maze
 strain differences
- ACTH₄₋₁₀, 133
 learning performance
 long-term effects
 neonatal exposure
- Adiposity, 223
 castration
 chickens
 sex differences
 strain differences
 testosterone
- β 1 Adrenergic receptors, 21
 β 2 adrenergic receptors
 hypothermia
 reserpine
- β 2 Adrenergic receptors, 21
 β 1 adrenergic receptors
 hypothermia
 reserpine
- Age differences
 body weight, 7
 data management, 545
 locomotor activity, 545
 microcomputer, 545
 nipple attachment, 7
 serotonin, 7
- Aggression, 641
 attack
 attack inhibition
 ethanol
- Aggression, female, 645
 ethanol
 opponent size
- Alcohol preference, 317
 brain monoamines
 inbred strains
- Ambient temperature, 431
 amphetamine
 autonomic thermoregulation
 behavioral thermoregulation
- Ambulation, 359
 exploratory behavior
 grooming
 imipramine chronic
 novel environment
 social isolation
- Amnesia, 491
 acetylcholine release
 aniracetam
 drug interactions
 oxiracetam
 scopolamine
- Amphetamine
 ambient temperature, 431
 area postrema, 677
 ascorbic acid labels, 231
 autonomic thermoregulation, 431
 behavioral thermoregulation, 431
 combined treatment, 677
 conditioned taste aversion, 677
 continuous reinforcement, 205
 environment-specific conditioning, 61
 extinction, 205
 haloperidol, 231
 horizontal activity, 61
 intracranial administration, 113
 in vivo, 231
 nonreinforcement, 205
 open field, 113
 partial reinforcement, 205
 radiation, 677
 sensitization, 61
 stereotyped behavior, 113
 uric acid levels, 231
 vertical activity, 61
- d-Amphetamine
 l-amphetamine, 649
 dopaminergic substrate, 649
 drug comparisons, 649
 drug interactions, 165
 food competition, 707
 food intake, 649
 hypermotility, 165
 methylphenidate, 513
 metoclopramide, 165
 rats, male, 707
 route of administration, 165
 stereotypy, 165
 timing, 513
- l-Amphetamine, 649
 d-amphetamine
 dopaminergic substrate
 drug comparisons
 food intake
- Amytriptyline, 105
 body weight
 chronic administration
 desipramine
 food intake
 tricyclic antidepressants
- Analgesia
 catalepsy, 611
 dopaminergic system, 457
 estrogen, 611
 hyperactivity, 611
 lesions, electrical, 457
 morphine, 457, 611
 ovariectomy, 611
 U-50,488H, 457
- Anatomical mapping, 177
 anorexia
 calcitonin
 hypothalamus
- Anhedonia
 consummatory behaviors, 341
 lever pressing, 67
 motor deficit, 341
 neuroleptics, 341
 operant behaviors, 341
 pimozide, 67
 rats, nondeprived, 67
 sucrose reward, 67
- Animal models, 385
 drug reinforcement
 phencyclidine
 phencyclinoids
 self-administration, intravenous
- Aniracetam, 491
 acetylcholine release
 amnesia
 drug interactions
 oxiracetam
 scopolamine
- Anorectic drugs, 291
 2-deoxy-D-glucose
 deprivation-induced feeding
 glucoprivic-feeding
 site of action
- Anorexia, 177
 anatomical mapping
 calcitonin
 hypothalamus
- Antiaversive effects, 437
 antiemetic effects
 aversive effects
 conditioned taste aversion
 drug interaction
 opioid receptor agonists
- Anticholinergics, 81
 cholinergics
 conditioned taste aversion
 drug interaction
 pharmacological antagonism
- Antiemetic effects, 437
 antiaversive effects
 aversive effects
 conditioned taste aversion
 drug interaction
 opioid receptor agonists
- Antimuricidal effect, 123
 p-chlorophenylalanine
 dorsal raphe nucleus
 lesions, dorsal raphe nucleus
 lesions, electrolytic
 lesions, median raphe nucleus
 median raphe nucleus
 mouse killing behavior
 serotonin-mimetic drugs
 serotonin neurotransmission
- Antipsychotic drugs, 399
 body weight
 caloric intake
 D2 receptors
 dose-dependent effects

- long term administration
- male/female comparisons
- Anxiety, 171
 - buspirone
 - conflict behavior
 - diazepam
 - drug comparisons
 - phenobarbital
 - punished responding
 - unpunished responding
- Anxiolytic agents, 239
 - exploratory behavior
 - subchronic treatment
 - withdrawal
- Apparatus
 - Alzet osmotic pump, 199
 - Digiscan Animal Activity Monitor, 545, 553, 565, 573, 583, 569
 - inhalation chamber, 653
 - radial maze, 483, 625
 - Stone maze, 407
 - treadmill, 159
- Area postrema, 677
 - amphetamines
 - combined treatment
 - conditioned taste aversion
 - radiation
- Ascorbic acid levels, 231
 - amphetamine
 - haloperidol
 - in vivo
 - uric acid levels
- Attack, 641
 - aggression
 - attack inhibition
 - ethanol
- Attack inhibition, 641
 - aggression
 - attack
 - ethanol
- Audiogenic seizures, 443
 - hypocalcemia
 - magnesium deficiency
 - potassium levels
- Automated behavior observation, 559
 - pattern analysis
- Automated monitor, 565
 - behavioral measures
 - reliabilities
 - spontaneous motor activity
 - time course
- Autonomic thermoregulation, 431
 - ambient temperature
 - amphetamine
 - behavioral thermoregulation
- Autoshaping, 307
 - desglycinamide arginine vasopressin
 - learning/memory
 - lever-touch response
 - scopolamine
- Aversive effects, 437
 - antiaversive effects
 - antiemetic effects
 - conditioned taste aversion
 - drug interaction
 - opioid receptor agonists
- Barbiturates, 391
 - benzodiazepines
 - drug reinforcement
 - human/monkey/rodent comparisons
- route of administration
- self-administration
- Bar-pressing, 463
 - dopamine agents
 - drinking
 - schedule-induced polydipsia
 - water deprivation
- Behavioral changes, 407
 - open field activity
 - organophosphate exposure
 - T-maze learning
- Behavioral genetics
 - caffeine, 451
 - DMCM, 451
 - ethanol stimulation, 577
 - hyporesponsiveness, 451
 - inbred mice, 451
 - open field, 577
 - pharmacogenetics, 577
 - seizures, caffeine-induced, 451
 - selective breeding, 577
- Behavioral measures, 565
 - automated monitor
 - reliabilities
 - spontaneous motor activity
 - time course
- Behavioral sensitivity, 99
 - diazepam
 - long-term effects
 - pentyleneetetrazol
 - stress
- Behavioral thermoregulation, 431
 - ambient temperature
 - amphetamine
 - autonomic thermoregulation
- Benzodiazepine receptor agonist, 35
 - benzodiazepine receptor antagonist
 - gastric ulcers, stress-induced
- Benzodiazepine receptor antagonist, 35
 - benzodiazepine receptor agonist
 - gastric ulcers, stress-induced
- Benzodiazepine receptors, 425
 - hypertonic saline intake
 - rehydration
- Benzodiazepines, 391
 - barbiturates
 - drug reinforcement
 - human/monkey/rodent comparisons
 - route of administration
 - self-administration
- B-HT 920, 283
 - B-HT 933
 - clonidine
 - differential effects
 - drug comparisons
 - locomotor activity
 - wall-climbing
- B-HT 933, 283
 - B-HT 920
 - clonidine
 - differential effects
 - drug comparisons
 - locomotor activity
 - wall-climbing
- B-HT 920
 - clonidine
 - differential effects
 - drug comparisons
 - locomotor activity
 - wall-climbing
- Bin analysis, 497
 - 5-HT antagonists
 - 5-HT receptors
 - lesions, 5,7-dihydroxytryptamine
 - locomotor activity
 - motor habituation
- Biogenic amine concentrations, 257
 - catecholamine depletion
- chicks
- food intake
- 6-hydroxydopamine
- Blood serum cholinesterase, 199
 - osmotic pump
 - premature release
 - pyridostigmine
- Body weight
 - age differences, 7
 - amytropyline, 105
 - antipsychotic drugs, 399
 - caloric intake, 399
 - chronic administration, 105
 - D2 receptors, 399
 - desipramine, 105
 - dose-dependent effects, 399
 - food intake, 105
 - long term administration, 399
 - male/female comparisons, 399
 - nipple attachment, 7
 - serotonin, 7
 - tricyclic antidepressants, 105
- Brain
 - amygdala, 113, 407
 - anterior hypothalamus, 177
 - anteromedial caudate nucleus, 113
 - aria postrema, 113, 677
 - brainstem, 257, 355, 685
 - caudate, 231
 - caudate-putamen, 457
 - cerebellum, 217, 355, 665
 - cortex, 143, 217, 355, 491, 505, 619, 723
 - dorsal raphe nucleus, 123
 - forebrain, 153
 - frontal cortex, 635
 - hindbrain, 143
 - hippocampus, 143, 217, 355, 407, 491, 505, 619, 635
 - hypothalamus, 143, 177, 183, 257, 291, 355, 619, 685, 715
 - lateral hypothalamus, 521, 693
 - medial frontal cortex, 113
 - medial prefrontal cortex, 15, 693
 - median forebrain bundle, 177
 - median raphe nucleus, 45, 123
 - midbrain, 143, 355
 - nucleus accumbens, 113, 177, 183, 685
 - olfactory tubercle, 177
 - paraventricular nucleus, 177, 291
 - perifornical area, 177
 - piriform cortex, 407
 - posterior nucleus of the hypothalamus, 177
 - prefrontal cortex, 685
 - septum, 685
 - stria medullaris, 183
 - striatum, 53, 143, 183, 257, 355, 491, 533, 583
 - substantia nigra, 457
 - suprachiasmatic nucleus, 177
 - thalamus, 407
 - vasa differentia, 227
 - ventral tegmental area, 457
 - ventrolateral caudate nucleus, 113
 - ventrolateral hypothalamus, 177
 - ventromedial nucleus of the hypothalamus, 177
 - zona incerta, 183
- Brain extract, 537
 - intraperitoneal injection
 - paradoxical sleep inducing factor

Brain 5-HT levels, 619
diazepam
plasma corticosterone
stress

Brain monoamines, 317
alcohol preference
inbred strains

Buspirone, 171
anxiety
conflict behavior
diazepam
drug comparisons
phenobarbital
punished responding
unpunished responding

Ca channels, 227
diabetics
hyperactivity
vasa deferentia

Caffeine, 451
behavioral genetics
DMCM
hyporesponsiveness
inbred mice
seizures, caffeine-induced

Calcitonin
anatomical mapping, 177
anorexia, 177
hypothalamus, 177
intracerebral infusions, 183
locomotor activity, drug-induced, 183

Calcium antagonists, 217
cat brain
electroconvulsive shock
[³H]nitrendipine binding

Caloric intake, 399
antipsychotic drugs
body weight
D2 receptors
dose-dependent effects
long term administration
male/female comparisons

Castration
adiposity, 223
chemical delivery system, 265
chickens, 223
copulation, 265
estradiol, 265
sex differences, 223
strain differences, 223
testosterone, 223

Cat brain, 217
calcium antagonists
electroconvulsive shock
[³H]nitrendipine binding

Catalepsy
analgesia, 611
conditioned avoidance behavior, 57
dopamine turnover, 159
estrogen, 611
haloperidol, 159
hyperactivity, 611
locomotor activity, 159
morphine, 611
ovariectomy, 611
repeated testing, 159
treadmill, 159

Catecholamine depletion, 257
biogenic amine concentrations
chicks

food intake
6-hydroxydopamine
Catecholamine neurotransmitter, 715
2-deoxy-D-glucose
food deprivation
lateral hypothalamus
norepinephrine release
satiety

Central nervous system, 323
depressants
drug interactions
mice/rat comparisons
phencyclidine

Central nervous system depression, 745
ethanol
muscimol
sleep time

Cerebellum, mouse, 665
chloride channels
ethanol treatments
in vitro

Cerebral catecholamine systems, 685
corticotropin-releasing factor
stress

Chemical delivery system, 265
castration
copulation
estradiol

Chicken
adiposity, 223
biogenic amine concentrations, 257
castration, 223
catecholamine depletion, 257
food intake, 25, 257
6-hydroxydopamine, 257
opioid antagonists, 25
sex differences, 223
strain differences, 223
testosterone, 223
water intake, 25

Chloride channels, 665
cerebellum, mouse
ethanol treatments
in vitro

p-Chlorophenylalanine, 123
antimuricidal effect
dorsal raphe nucleus
lesions, dorsal raphe nucleus
lesions, electrolytic
lesions, median raphe nucleus
median raphe nucleus
mouse killing behavior
serotonin-mimetic drugs
serotonin neurotransmission

Choline uptake, 635
classical conditioning
microwaves
tolerance

Cholinergics, 81
anticholinergics
conditioned taste aversion
drug interaction
pharmacological antagonism

Chronic administration, 105
amtryptiline
body weight
desipramine
food intake
tricyclic antidepressants

Chronic consumption, 333
ethanol
growth

lactation
mammary gland composition
metabolism
milk composition
milk production

Chronic treatment, 143
diisopropylfluorophosphate
muscarinic binding
spatial learning

Circadian rhythms, 413
cortisol
human studies
mood ratings
stress
urine secretion

Classical conditioning, 635
choline uptake
microwaves
tolerance

Clonidine
B-HT 920, 283
B-HT 933, 283
consummatory negative contrast, 659
differential effects, 283
drug comparisons, 283
locomotor activity, 283
novel environment, 659
stress, 659
wall-climbing, 283

CNS stimulants, 299
DRL performance
lethality
"look-alike" stimulants
stimulant interaction

Cocaine, 533
dopamine release
sensitization

Cognitive tasks, 273
diazepam
human studies, elderly adults
neuromotor skills
pharmacodynamics

Cold-water swim analgesia, 525
naloxone, chronic
morphine analgesia

Combined treatment
amphetamines, 677
area postrema, 677
conditioned taste aversion, 671, 677
lithium chloride, 671
radiation, 671, 677

Conditioned analgesia, 529
endogenous opioids
quaternary naltrexone
stress-induced analgesia

Conditioned avoidance behavior, 159
catalepsy
dopamine turnover
haloperidol
locomotor activity
repeated testing
treadmill

Conditioned taste aversion
amphetamines, 677
antiaversive effects, 437
anticholinergics, 81
antiemetic effects, 437
area postrema, 677
aversive effects, 437
cholinergics, 81
combined treatment, 671, 677
drug interaction, 81, 437

- feed refusal, 247
- food consumption, 247
- lithium chloride, 671, 677
- opioid receptor agonists, 437
- pharmacological antagonism, 81
- radiation, 671, 677
- saccharin, 247
- vomitoxin, 247
- Conflict behavior, 171
 - anxiety
 - buspirone
 - diazepam
 - drug comparisons
 - phenobarbital
 - punished responding
 - unpunished responding
- Consummatory behaviors, 341
 - anhedonia
 - motor deficit
 - neuroleptics
 - operant behaviors
- Consummatory negative contrast, 659
 - clonidine
 - novel environment
 - stress
- Continuous reinforcement, 205
 - amphetamine
 - extinction
 - nonreinforcement
 - partial reinforcement
- Controlling factors, 367
 - drug reinforcement
 - operant behavior
 - self-administration
- Copulation, 265
 - castration
 - chemical delivery system
 - estradiol
- Corticotropin-releasing factor, 685
 - cerebral catecholamine systems
 - stress
- Cortisol, 413
 - circadian rhythms
 - human studies
 - mood ratings
 - stress
 - urine secretion
- D2 receptors, 399
 - antipsychotic drugs
 - body weight
 - caloric intake
 - dose-dependent effects
 - long term administration
 - male/female comparisons
- Data management, 545
 - age differences
 - locomotor activity
 - microcomputer
- Day-night nociception, 477
 - locomotor activity
 - opiate agonists
 - sex differences
- 2-Deoxy-D-glucose
 - anorectic drugs, 291
 - catecholamine neurotransmitter, 715
 - deprivation-induced feeding, 291
 - food deprivation, 715
 - glucoprivic-feeding, 291
 - lateral hypothalamus, 715
 - norepinephrine release, 715
 - satiety, 715
 - site of action, 291
- Depolarization-dependent Ca²⁺ uptake, 355
 - ethanol preference
 - neurotransmission
- Depressants, 323
 - central nervous system
 - drug interactions
 - mice/rat comparisons
 - phencyclidine
- Deprivation-induced feeding, 291
 - anorectic drugs
 - 2-deoxy-D-glucose
 - glucoprivic-feeding
 - site of action
- Desglycinamide arginine vasopressin, 307
 - autoshaping
 - learning/memory
 - lever-touch response
 - scopolamine
- Desipramine, 105
 - amtryptiline
 - body weight
 - chronic administration
 - food intake
 - tricyclic antidepressants
- Diabetics, 227
 - Ca channels
 - hyperactivity
 - vasa deferentia
- Diazepam
 - anxiety, 171
 - behavioral sensitivity, 99
 - brain 5-HT levels, 619
 - buspirone, 171
 - cognitive tasks, 273
 - conflict behavior, 171
 - drug comparisons, 171
 - human studies, elderly adults, 273
 - long-term effects, 99
 - neuromotor skills, 273
 - pentylentetrazol, 99
 - pharmacodynamics, 273
 - phenobarbital, 171
 - plasma corticosterone, 619
 - punished responding, 171
 - stress, 99, 619
 - unpunished responding, 171
- Dietary fat, 1
 - food intake regulation
 - macronutrient selection
 - monoamine oxidase
 - serotonin metabolism
- Diethylpropion, 749
 - acoustic startle
 - fenfluramine
 - phentermine
 - phenylpropanolamine
- Differential effects, 283
 - B-HT 920
 - B-HT 933
 - clonidine
 - drug comparisons
 - locomotor activity
 - wall-climbing
- Digiscan activity, 569
 - emotionality
 - locomotor activity
 - stereotypic behavior measurement
 - thigmotactic measurement
- Diisopropylfluorophosphate, 143
 - chronic treatment
 - muscarinic binding
 - spatial learning
- DMCM, 451
 - behavioral genetics
 - caffeine
 - hyporesponsiveness
 - inbred mice
 - seizures caffeine-induced
- Dopamine, 93
 - estrogen
 - inhibitory mechanisms
 - lordosis
 - serotonin
- Dopamine agents, 463
 - bar-pressing
 - drinking
 - schedule-induced polydipsia
 - water deprivation
- Dopamine-receptor blockade, 521
 - pimozide
 - stimulation-induced feeding
- Dopamine receptors, 629
 - dopamine behavior
 - hypophysectomy
- Dopamine release, 533
 - cocaine
 - sensitization
- Dopamine turnover, 159
 - cataplexy
 - conditioned avoidance behavior
 - haloperidol
 - locomotor activity
 - repeated testing
 - treadmill
- Dopaminergic behavior, 629
 - dopamine receptors
 - hypophysectomy
- Dopaminergic substrate, 649
 - d-amphetamine
 - l-amphetamine
 - drug comparisons
 - food intake
- Dopaminergic system, 457
 - analgesia
 - lesions, electrical
 - morphine
 - U-50,488H
- Dorsal raphe nucleus, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - lesions, dorsal raphe nucleus
 - lesions, electrolytic
 - lesions, median raphe nucleus
 - median raphe nucleus
 - mouse killing behavior
 - serotonin-mimetic drugs
 - serotonin neurotransmission
- Dose-dependent effects
 - antipsychotic drugs, 399
 - body weight, 399
 - caloric intake, 399
 - D2 receptors, 399
 - drug comparisons, 733
 - fixed consecutive number responding 733
 - kappa opioids, 733
 - long term administration, 399
 - male/female comparisons, 399
 - mu opioids, 733
 - sigma opioids, 733

- Dose response, 573
 locomotor activity
 radioprotection
 time relationship
 WR-2721
- Drinking
 bar-pressing, 463
 dopamine agents, 463
 schedule-induced polydipsia, 463
 water deprivation, 463
- DRL performance, 299
 CNS stimulants
 lethality
 "look-alike" stimulants
 stimulant interaction
- Drug
 N-allylnormetazocine, 733
 (\pm) N-allylnormetazocine, 73
 amphetamine, 61, 113, 183, 205, 231, 291, 431, 569
 d-amphetamine, 165, 513, 649, 707, 733
 l-amphetamine, 649
 amytriptyline, 105
 aniracetam, 491
 AP7, 553
 apomorphine, 93, 437, 463
 atropine methyl nitrate, 81
 atropine sulfate, 81
 benactyzine hydrochloride, 81
 betaxolol, 21
 B-HT 920, 283
 B-HT 933, 283
 bremazocine, 73, 437
 buprenorphine, 733
 buspirone, 171, 425
 caffeine, 451
 carbamylcholine, 723
 CGS 8216, 425
 CGS 9895, 425
 CGS 9896, 425
 CGS 19755, 553
 chlordiazepoxide, 35
 p-chlorophenylalanine, 45, 123
 cinanserin, 497
 cis-flupenthixol, 341
 citalopram, 123
 CL 218,872, 425
 clenbuterol, 21
 clonidine, 283, 659
 cocaine, 533
 copper sulphate, 437
 CPP, 553
 d-cyclazocine, 733
 2-deoxy-D-glucose, 105, 291, 715
 desipramine, 105
 desmethylimipramine, 7
 diazepam, 99, 171, 239, 273, 619
 diethylpropion, 749
 diisopropylfluorophosphate, 143
 DMCM, 451
 domperidone, 437
 estradiol, 265
 ethanol, 15, 235, 323, 333, 355, 379, 421, 517, 577, 641, 645, 665, 745
 ethylketocyclozacin, 437, 733
 exifone, 253
 fenfluramine, 45, 291, 749
 fentanyl, 437
 FG 7142, 35, 425
 fluoxetine, 123
 haloperidol, 93, 159, 231, 283, 341, 399, 463
 heroin, 693
 8-hydroxy-2-(di-n-propylamin)tetraline hydrobromide, 123
 8-hydroxy-2-(di-n-propylamino) tetralin, 625
 6-hydroxydopamine, 257
 ICI 118,551, 21
 ICI 154,129, 47
 idebenone, 351
 imipramine, 187, 359
 ketamine, 553
 ketanserin, 497, 701
 ketocyclazocine, 73
 lisuride, 93, 211
 lithium chloride, 437, 671
 LSD, 625
 mazindol, 291
 5-MeO-DMT, 625
 methadone, 437
 l-methadone, 73
 methamphetamine, 193
 3,4-methylenedioxymethamphetamine, 41
 methylphenidate, 513
 methiotepin, 93
 5-methoxy-N-N-dimethyl-tryptamine, 123
 metoclopramide, 165, 341
 morphine, 73, 87, 193, 437, 457, 611, 733
 muscimol, 45, 665, 745
 naloxone, 25, 73, 87, 525, 685
 naltrexone, 25, 529
 nicotine, 15, 505
 oxiracetam, 491
 oxotremorine, 723
 pargyline, 257
 pentobarbital, 323
 pentylenetetrazol, 99
 phencyclidine, 73, 323, 385
 phenobarbital, 171
 phentermine, 749
 phenylpropanolamine, 749
 physostigmine salicylate, 81
 pimozide, 67, 521
 (-)-pindolol, 93
 pipamperone, 497
 piracetam, 253
 pirenperone, 93, 497
 propranolol, 35, 291
 pyridostigmine, 199
 pyridostigmine bromide, 81
 quinpirole, 93
 quipazine, 701
 reserpine, 21
 ritanserin, 497
 RO15-4513, 517
 Ro16-6028, 425
 Ro17-1812, 425
 RU 2496, 625
 RU24969, 497
 scopolamine, 253, 307, 483, 491, 569
 soman, 407
 sulphiride, 165, 239, 341, 399
 TAG, 235
 taurine, 235
 TFMPP, 625
 thioridazine, 399
 tiapride, 239
 trifluoperazine, 399
 U-50,488, 73, 477
 U-50,488H, 457
 vomitoxin, 247
 WR-2721, 573
 xylene, 653
 ZK 91296, 425
 ZK 93426, 35
- Drug comparisons
 d-amphetamine, 649
 l-amphetamine, 649
 anxiety, 171
 buspirone, 171
 B-HT 920, 283
 B-HT 933, 283
 clonidine, 283
 conflict behavior, 171
 diazepam, 171
 differential effects, 283
 dopaminergic substrate, 649
 dose-dependent effects, 733
 fixed consecutive number responding
 73, 733
 food intake, 649
 kappa opioids, 733
 locomotor activity, 283
 methamphetamine, 193
 morphine, 193
 motor activity, horizontal, 193
 motor activity, vertical, 193
 mu opioids, 733
 naloxone, 73
 opiate agonists, 73
 phenobarbital, 171
 punished responding, 171
 rate of responding, 73
 sigma opioids, 733
 unpunished responding, 171
 wall climbing, 283
- Drug discrimination, 41
 isomeric comparisons
 3,4-methylenedioxymethamphetamine
 41
 time-course
- Drug interactions
 acetylcholine release, 491
 amnesia, 491
 d-amphetamine, 165
 aniracetam, 491
 antiaversive effects, 437
 anticholinergics, 81
 antiemetic effects, 437
 aversive effects, 437
 central nervous system, 323
 cholinergics, 81
 conditioned taste aversion, 81, 437
 depressants, 323
 ethanol, 235
 hypermotility, 165
 metoclopramide, 165
 mice/rat comparisons, 323
 opioid receptor agonists, 437
 oxiracetam, 491
 pharmacological antagonism, 81
 phencyclidine, 323
 route of administration, 165
 scopolamine, 491
 sleeptime, 235
 stereotypy, 165
 TAG, 235
 taurine, 235
- Drug reinforcement
 animal models, 385
 barbiturates, 391
 benzodiazepines, 391

- controlling factors, 367
 - human/monkey/rodent comparisons, 391
 - operant behavior, 367
 - phencyclidine, 385
 - phencyclidinoids, 385
 - route of administration, 391
 - self-administration, 385, 391
- EEG-EMG addiction model, 373
 - opioid self-administration
 - pharmacodynamic characteristics
 - pharmacokinetic characteristics
 - Ejaculation, 187
 - erection
 - horses, males
 - imipramine
 - masturbation
 - route of administration
 - sexual behavior, male horses
 - Electroconvulsive shock, 217
 - calcium antagonists
 - cat brain
 - [³H]nitrendipine binding
 - Emotionality, 569
 - Digiscan activity
 - locomotor activity
 - stereotypic behavior measurement
 - thigmotactic measurement
 - Endogenous opioids, 529
 - conditional analgesia
 - quaternary naltrexone
 - stress-induced analgesia
 - Enriched rearing, 153
 - forebrain
 - 6-hydroxydopamine
 - isolation rearing
 - neurobehavioral plasticity
 - norepinephrine
 - Environment-specific conditioning, 61
 - amphetamine
 - horizontal activity
 - sensitization
 - vertical activity
 - Environmental factors, 379
 - ethanol self-administration
 - genetic factors
 - strain differences
 - Erection, 187
 - ejaculation
 - horses, males
 - imipramine
 - masturbation
 - route of administration
 - sexual behavior, males horses
 - Estradiol
 - castration, 265
 - chemical delivery system, 265
 - copulation, 265
 - estrous cycle, 53
 - footfaults, 53
 - lisuride, 211
 - lordosis, 211
 - ovariectomy, 53, 211
 - precopulatory patterns, 211
 - rats, females, 211
 - sensorimotor performance, 53
 - sexual behavior, 211
 - striatum, 53
 - Estrogen
 - analgesia, 611
 - catalepsy, 611
 - dopamine, 93
 - hyperactivity, 611
 - inhibitory mechanisms, 93
 - lordosis, 93
 - morphine, 611
 - ovariectomy, 611
 - serotonin, 93
 - Estrous cycle, 53
 - estradiol
 - footfaults
 - ovariectomy
 - sensorimotor performance
 - striatum
 - Ethanol
 - aggression, 641
 - aggression, female, 645
 - attack, 641
 - attack inhibition, 641
 - central nervous system depression, 745
 - chronic consumption, 333
 - drug interaction, 235
 - growth, 333
 - intracranial self-stimulation, 15
 - lactation, 333
 - mammary gland composition, 333
 - medial prefrontal cortex, 15
 - metabolism, 333
 - milk composition, 333
 - milk production, 333
 - muscimol, 745
 - nicotine, 15
 - opponent size, 645
 - sleep time, 235, 745
 - TAG, 235
 - taurine, 235
 - Ethanol preference, 355
 - depolarization-dependent Ca²⁺ uptake
 - neurotransmission
 - Ethanol reinforcement, 517
 - Ro15-4513
 - self-administration
 - Ethanol self-administration, 379
 - environmental factors
 - genetic factors
 - strain differences
 - Ethanol stimulation
 - behavioral genetics, 577
 - inbred mice, 421
 - light/dark environment, 421
 - motor activity, 421
 - open field, 577
 - pharmacogenetics, 577
 - selective breeding, 577
 - Ethanol treatments, 665
 - cerebellum, mouse
 - chloride channels
 - in vitro
 - Exifone, 253
 - exploratory behavior
 - passive avoidance
 - rodent memory models
 - scopolamine-induced amnesia
 - Exploratory behavior
 - ambulation, 359
 - anxiolytic agents, 239
 - exifone, 253
 - grooming, 359
 - imipramine, chronic, 359
 - novel environment, 359
 - passive avoidance, 253
 - rodent memory models, 253
 - scopolamine-induced amnesia, 253
 - social isolation, 359
 - subchronic treatment, 239
 - withdrawal, 239
 - Extinction, 205
 - amphetamine
 - continuous reinforcement
 - nonreinforcement
 - partial reinforcement
 - Feed refusal, 247
 - conditioned taste aversion
 - food consumption
 - saccharin
 - vomitoxin
 - Fenfluramine, 749
 - acoustic startle
 - diethylpropion
 - phentermine
 - phenylpropanolamine
 - Fixed-consecutive-number schedule
 - dose-dependent effects, 733
 - drug comparisons, 73, 733
 - kappa opioids, 733
 - mu opioids, 733
 - naloxone, 73
 - opiate agonists, 73
 - rate of responding, 73
 - sigma opioids, 733
 - Fixed ratio responding, 653
 - tolerance
 - xylene inhalation
 - Food competition, 707
 - d-amphetamine
 - rats, males
 - Food consumption, 247
 - conditioned taste aversion
 - feed refusal
 - saccharin
 - vomitoxin
 - Food deprivation, 715
 - catecholamine neurotransmitter
 - 2-deoxy-D-glucose
 - lateral hypothalamus
 - norepinephrine release
 - satiety
 - Food intake
 - d-amphetamine, 649
 - l-amphetamine, 649
 - amyltriptyline, 105
 - biogenic amine concentrations, 257
 - body weight, 105
 - catecholamine depletion, 257
 - chickens, 257
 - chicks, 25
 - chronic administration, 105
 - desipramine, 105
 - dopaminergic substrate, 649
 - drug comparisons, 649
 - 6-hydroxydopamine, 257
 - opioid antagonists, 25
 - tricyclic antidepressants, 105
 - water intake, 25
 - Food intake regulation, 1
 - dietary fat
 - macronutrient selection
 - monoamine oxidase
 - serotonin metabolism
 - Footfaults, 53
 - estradiol
 - estrous cycle

- ovariectomy
- sensorimotor performance
- striatum
- Forebrain, 153
 - enriched rearing
 - 6-hydroxydopamine
 - isolation rearing
 - neurobehavioral plasticity
 - norepinephrine
- Gastric ulcers, stress-induced, 35
 - benzodiazepine receptor agonist
 - benzodiazepine receptor antagonist
- Genetic analysis, 87
 - hypothermia
 - morphine
 - naloxone
 - strain differences
- Genetic factors, 379
 - environmental factors
 - ethanol self-administration
 - strain differences
- Gerbils, 553
 - locomotor activity
 - N-methyl-D-aspartate
- Glucoprivic-feeding, 291
 - anorectic drugs
 - 2-deoxy-D-glucose
 - deprivation-induced feeding
 - site of action
- Grooming, 359
 - ambulation
 - exploratory behavior
 - imipramine, chronic
 - novel environment
 - social isolation
- Growth, 333
 - chronic consumption
 - ethanol
 - lactation
 - mammary gland composition
 - metabolism
 - milk composition
 - milk production
- Haloperidol
 - amphetamine, 231
 - ascorbic acid levels, 231
 - catalepsy, 159
 - conditioned avoidance behavior, 159
 - dopamine turnover, 159
 - in vivo, 231
 - locomotor activity, 159
 - repeated testing, 159
 - treadmill, 159
 - uric acid levels, 231
- Heroin, 693
 - lateral hypothalamus
 - opiate antagonists
 - self-administration
- Horizontal activity, 61
 - amphetamine
 - environment-specific conditioning
 - sensitization
 - vertical activity
- Hormone
 - estradiol, 53, 93, 211, 223
 - estrogen, 53, 93, 611
 - insulin, 715
- norepinephrine, 153
- testosterone propionate, 223
- Horses, male, 189
 - ejaculation
 - erection
 - imipramine
 - masturbation
 - route of administration
 - sexual behavior, male horses
- 5-HT antagonists, 497
 - bin analysis
 - 5-HT receptors
 - lesions, 5,7-dihydroxytryptamine
 - locomotor activity
 - motor habituation
- 5-HT receptors
 - bin analysis, 497
 - 5-HT antagonists, 497
 - lesions, 5,7-dihydroxytryptamine, 497
 - locomotor activity, 497
 - memory, 625
 - motor habituation, 497
 - radial maze, 625
 - serotonergic agonists, 625
- Human/monkey/rodent comparisons, 391
 - barbiturates
 - benzodiazepines
 - drug reinforcement
 - route of administration
 - self-administration
- Human studies, 413
 - circadian rhythms
 - cortisol
 - mood ratings
 - stress
 - urine secretion
- Human studies, elderly adults, 273
 - cognitive tasks
 - diazepam
 - neuromotor skills
 - pharmacodynamics
- 6-Hydroxydopamine
 - biogenic amine concentrations, 257
 - catecholamine depletion, 257
 - chicks, 257
 - enriched rearing, 153
 - food intake, 257
 - forebrain, 153
 - isolation rearing, 153
 - neurobehavioral plasticity, 153
 - norepinephrine, 153
- Hyperactivity
 - analgesia, 611
 - Ca channels, 227
 - catalepsy, 611
 - diabetics, 227
 - estrogen, 611
 - median raphe nucleus, 45
 - morphine, 611
 - muscimol, 45
 - ovariectomy, 611
 - serotonin, 45
 - vasa deferentia, 227
- Hypermotility, 165
 - d-amphetamine
 - drug interactions
 - metoclopramide
 - route of administration
 - stereotypy
- Hypertonic saline intake, 425
 - benzodiazepine receptors
 - rehydration
- Hypocalcemia, 443
 - audiogenic seizures
 - magnesium deficiency
 - potassium levels
- Hypophysectomy, 629
 - dopamine behavior
 - dopamine receptors
- Hyporesponsiveness, 451
 - behavioral genetics
 - caffeine
 - DMCM
 - inbred mice
 - seizures, caffeine-induced
- Hypothalamus, 177
 - anatomical mapping
 - anorexia
 - calcitonin
- Hypothermia
 - β 1 adrenergic receptors, 21
 - β 2 adrenergic receptors, 21
 - genetic analysis, 87
 - morphine, 87
 - naloxone, 87
 - reserpine, 21
 - strain differences, 87
- Idebenone, 351
 - lesions, midbrain raphe nuclei
 - muricide
 - olfactory bulbectomy
- Imipramine, 187
 - ejaculation
 - erection
 - horses, males
 - masturbation
 - route of administration
 - sexual behavior, male horses
- Imipramine, chronic, 359
 - ambulation
 - exploratory behavior
 - grooming
 - novel environment
 - social isolation
- Inbred mice
 - behavioral genetics, 451
 - caffeine, 451
 - DMCM, 451
 - ethanol stimulation, 421
 - hyporesponsiveness, 451
 - light/dark environment, 421
 - motor activity, 421
 - seizures, caffeine-induced, 451
- Inbred strains, 317
 - alcohol preference
 - brain monoamines
- Inhibitory mechanisms, 93
 - dopamine
 - estrogen
 - lordosis
 - serotonin
- Intracerebral infusions, 183
 - calcitonin
 - locomotor activity, drug-induced
- Intracranial administration, 113
 - amphetamine
 - open field
 - stereotyped behavior
- Intracranial self-stimulation, 15
 - ethanol
 - medial prefrontal cortex
 - nicotine

- Intraperitoneal injection, 537
 - brain extract
 - paradoxical sleep inducing factor
- In vitro, 665
 - cerebellum, mouse
 - chloride channels
 - ethanol treatments
- In vivo, 231
 - amphetamine
 - ascorbic acid levels
 - haloperidol
 - uric acid levels
- Isolation rearing, 153
 - enriched rearing
 - forebrain
 - 6-hydroxydopamine
 - neurobehavioral plasticity
 - norepinephrine
- Isomeric comparisons, 41
 - drug discrimination
 - 3,4-methylenedioxymethamphetamine
 - time-course
- Kappa opioids, 733
 - dose-dependent effects
 - drug comparisons
 - fixed consecutive number responding
 - mu opioids
 - sigma opioids
- Lactation, 333
 - chronic consumption
 - ethanol
 - growth
 - mammary gland composition
 - metabolism
 - milk composition
 - milk production
- Lateral hypothalamus
 - catecholamine neurotransmitter, 715
 - 2-deoxy-D-glucose, 715
 - food deprivation, 715
 - heroin, 693
 - norepinephrine release, 715
 - opiate antagonists, 693
 - satiety, 715
 - self-administration, 693
- Learning/memory, 307
 - autoshaping
 - desglycinamide arginine vasopressin
 - lever-touch response
 - scopolamine
- Learning performance, 133
 - ACTH₄₋₁₀
 - long-term effects
 - neonatal exposure
- Lesions, 5,7-dihydroxytryptamine, 497
 - bin analysis
 - 5-HT antagonists
 - 5-HT receptors
 - locomotor activity
 - motor habituation
- Lesions, dorsal raphe nucleus, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - dorsal raphe nucleus
 - lesions, electrolytic
 - lesions, median raphe nucleus
 - median raphe nucleus
- mouse killing behavior
 - serotonin-mimetic drugs
 - serotonin neurotransmission
- Lesions, electrical, 457
 - analgesia
 - dopaminergic system
 - morphine
 - U-50,488H
- Lesions, electrolytic, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - dorsal raphe nucleus
 - lesions, dorsal raphe nucleus
 - lesions, median raphe nucleus
 - median raphe nucleus
 - mouse killing behavior
 - serotonin-mimetic drugs
 - serotonin neurotransmission
- Lesions, median raphe nucleus, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - dorsal raphe nucleus
 - lesions, dorsal raphe nucleus
 - lesions, electrolytic
 - median raphe nucleus
 - mouse killing behavior
 - serotonin-mimetic drugs
 - serotonin neurotransmission
- Lesions, midbrain raphe nuclei, 351
 - idebenone
 - muricide
 - olfactory bulbectomy
- Lethality, 299
 - CNS stimulants
 - DRL performance
 - "look-alike" stimulants
 - stimulant interaction
- Lever pressing, 67
 - anhedonia
 - pimozide
 - rats, nondeprived
 - sucrose reward
- Lever-touch response, 307
 - autoshaping
 - desglycinamide arginine vasopressin
 - learning/memory
 - scopolamine
- Light/dark environment, 421
 - ethanol stimulation
 - inbred mice
 - motor activity
- Lisuride, 211
 - estradiol
 - lordosis
 - ovariectomy
 - precopulatory patterns
 - rats, females
 - sexual behavior
- Lithium chloride, 671
 - combined treatment
 - conditioned taste aversion
 - radiation
- Locomotor activity
 - age differences, 545
 - bin analysis, 497
 - B-HT 920, 283
 - B-HT 933, 283
 - cataplexy, 159
 - clonidine, 283
 - conditioned avoidance behavior, 159
 - data management, 545
 - day-night nociception, 477
 - differential effects, 283
 - Digiscan activity, 569
 - dopamine turnover, 159
 - dose response, 573
 - drug comparisons, 283
 - emotionality, 569
 - gerbils, 553
 - haloperidol, 159
 - 5-HT antagonists, 497
 - 5-HT receptors, 497
 - lesions, 5,7-dihydroxytryptamine, 497
 - N-methyl-D-aspartate, 553
 - microcomputer, 545
 - motor habituation, 497
 - neural transplantation, 583
 - opiate agonists, 477
 - radioprotection, 573
 - repeated testing, 159
 - sex differences, 477
 - stereotypic behavior measurement, 569
 - striatum, 583
 - thigmotactic measurement, 569
 - time relationship, 573
 - treadmill, 159
 - wall climbing, 283
 - WR-2721, 573
- Locomotor activity, drug-induced, 183
 - calcitonin
 - intracerebral infusions
- Long-term administration, 399
 - antipsychotic drugs
 - body weight
 - caloric intake
 - D2 receptors
 - dose-dependent effects
 - male/female comparisons
- Long-term effects
 - ACTH₁₋₁₀, 133
 - behavioral sensitivity, 99
 - diazepam, 99
 - learning performance, 133
 - neonatal exposure, 133
 - pentylentetrazol, 99
 - stress, 99
- "Look-alike" stimulants, 299
 - CNS stimulants
 - DRL performance
 - lethality
 - stimulant interaction
- Lordosis
 - dopamine, 93
 - estradiol, 211
 - estrogen, 93
 - inhibitory mechanisms, 93
 - lisuride, 211
 - ovariectomy, 211
 - precopulatory patterns, 211
 - rats, females, 211
 - serotonin, 93
 - sexual behavior, 211
- Macronutrient selection, 1
 - dietary fat
 - food intake regulation
 - monoamine oxidase
 - serotonin metabolism
- Magnesium deficiency, 443
 - audiogenic seizures
 - hypocalcemia
 - potassium levels

- Male/female comparisons, 399
 - antipsychotic drugs
 - body weight
 - caloric intake
 - D2 receptors
 - dose-dependent effects
 - long term administration
- Mammary gland composition, 333
 - chronic consumption
 - ethanol
 - growth
 - lactation
 - metabolism
 - milk composition
 - milk production
- Masturbation, 187
 - ejaculation
 - erection
 - horses, males
 - imipramine
 - route of administration
 - sexual behavior, male horses
- Medial prefrontal cortex, 15
 - ethanol
 - intracranial self-stimulation
 - nicotine
- Median raphe nucleus
 - antimuricidal effect, 123
 - p-chlorophenylalanine, 123
 - dorsal raphe nucleus, 123
 - hyperactivity, 45
 - lesions, dorsal raphe nucleus, 123
 - lesions, electrolytic, 123
 - lesions, median raphe nucleus, 123
 - mouse killing behavior, 123
 - muscimol, 45
 - serotonin, 45
 - serotonin-mimetic drugs, 123
 - serotonin neurotransmission, 123
- Memory, 625
 - 5-HT receptors
 - radial maze
 - serotonergic agonists
- Metabolism, 333
 - chronic consumption
 - ethanol
 - growth
 - lactation
 - mammary gland composition
 - milk composition
 - milk production
- Methamphetamine, 193
 - drug comparisons
 - morphine
 - motor activity, horizontal
 - motor activity, vertical
- Method
 - gas chromatography, 491
 - Hebb-William maze, 153
 - isobolographic analysis, 323
 - Lashley maze, 153
 - lever press, 513
 - voltammetry, 231
- N-Methyl-D-aspartate, 553
 - gerbils
 - locomotor activity
- 3,4-Methylenedioxyamphetamine, 41
 - drug discrimination
 - isomeric comparisons
 - time-course
- Methylphenidate, 513
 - d-amphetamine
 - timing
- Metoclopramide, 165
 - d-amphetamine
 - drug interactions
 - hypermotility
 - route of administration
 - stereotypy
- Mice/rat comparisons, 323
 - central nervous system
 - depressants
 - drug interactions
 - phencyclidine
- Microcomputer, 545
 - age differences
 - data management
 - locomotor activity
- Microwaves, 635
 - choline uptake
 - classical conditioning
 - tolerance
- Milk composition, 333
 - chronic consumption
 - ethanol
 - growth
 - lactation
 - mammary gland composition
 - metabolism
 - milk production
- Milk production, 333
 - chronic consumption
 - ethanol
 - growth
 - lactation
 - mammary gland composition
 - metabolism
 - milk composition
- Monkeys, dominant, 701
 - monkeys, subordinate
 - serotonin receptor sites
- Monkeys, subordinate, 701
 - monkeys, dominant
 - serotonin receptor sites
- Monoamine oxidase, 1
 - dietary fat
 - food intake regulation
 - macronutrient selection
 - serotonin metabolism
- Mood ratings, 413
 - circadian rhythms
 - cortisol
 - human studies
 - stress
 - urine secretion
- Morphine
 - analgesia, 457, 611
 - catalepsy, 611
 - dopaminergic system, 457
 - drug comparisons, 193
 - estrogen, 611
 - genetic analysis, 87
 - hyperactivity, 611
 - hypothermia, 87
 - lesions, electrical, 457
 - methamphetamine, 193
 - motor activity, horizontal, 193
 - motor activity, vertical, 193
 - naloxone, 87
 - ovariectomy, 611
 - strain differences, 87
 - U-50,488H, 457
- Morphine analgesia, 525
 - cold-water swim analgesia
 - naloxone, chronic
- Motor activity, 421
 - ethanol stimulation
 - inbred mice
 - light/dark environment
- Motor activity, horizontal, 193
 - drug comparisons
 - methamphetamine
 - morphine
 - motor activity, vertical
- Motor activity, vertical, 193
 - drug comparisons
 - methamphetamine
 - morphine
 - motor activity, horizontal
- Motor deficit, 341
 - anhedonia
 - consummatory behaviors
 - neuroleptics
 - operant behaviors
- Motor habituation, 497
 - bin analysis
 - 5-HT antagonists
 - 5-HT receptors
 - lesions, 5,7-dihydroxytryptamine
 - locomotor activity
- Mu opioids, 733
 - dose-dependent effects
 - drug comparisons
 - fixed consecutive number responding
 - kappa opioids
 - sigma opioids
- Muricide
 - antimuricidal effect, 123
 - p-chlorophenylalanine, 123
 - dorsal raphe nucleus, 123
 - idebenone, 351
 - lesions, dorsal raphe nucleus, 123
 - lesions, electrolytic, 123
 - lesions, median raphe nucleus, 123
 - lesions, midbrain raphe nuclei, 351
 - median raphe nucleus, 123
 - olfactory bulbectomy, 351
 - serotonin-mimetic drugs, 123
 - serotonin neurotransmission, 123
- Muscarinic binding, 143
 - chronic treatment
 - diisopropylfluorophosphate
 - spatial learning
- Muscarinic receptor levels, 723
 - oxotremorine, chronic
 - strain differences
 - tolerance
- Muscimol
 - central nervous system depression, 745
 - ethanol, 745
 - hyperactivity, 45
 - median raphe nucleus, 45
 - serotonin, 45
 - sleep time, 745
- Naloxone
 - drug comparisons, 73
 - fixed-consecutive number schedule, 73
 - genetic analysis, 87
 - hypothermia, 87
 - morphine, 87
 - opiate agonists, 73

- rate of responding, 73
- strain differences, 87
- Naloxone, chronic, 525
 - cold-water swim analgesia
 - morphine analgesia
- Neonatal exposure, 133
 - ACTH₁₋₁₀
 - learning performance
 - long-term effects
- Neural transplantation, 583
 - locomotor activity
 - striatum
- Neurobehavioral plasticity, 153
 - enriched rearing
 - forebrain
 - 6-hydroxydopamine
 - isolation rearing
 - norepinephrine
- Neuroleptics, 341
 - anhedonia
 - consummatory behaviors
 - motor deficit
 - operant behaviors
- Neuromotor skills, 273
 - cognitive tasks
 - diazepam
 - human studies, elderly adults
 - pharmacodynamics
- Neurotransmission, 355
 - depolarization-dependent Ca²⁺ uptake
 - ethanol preference
- Nicotine
 - ethanol, 15
 - intracranial self-stimulation, 15
 - medial prefrontal cortex, 15
 - receptor levels, 505
 - tolerance development, 505
- Nipple attachment, 7
 - age differences
 - body weight
 - serotonin
- [³H]Nitrendipine binding, 217
 - calcium antagonists
 - cat brain
 - electroconvulsive shock
- Nonreinforcement, 205
 - amphetamine
 - continuous reinforcement
 - extinction
 - partial reinforcement
- Norepinephrine, 153
 - enriched rearing
 - forebrain
 - 6-hydroxydopamine
 - isolation rearing
 - neurobehavioral plasticity
- Norepinephrine release, 715
 - catecholamine neurotransmitter
 - 2-deoxy-D-glucose
 - food deprivation
 - lateral hypothalamus
 - satiety
- Novel environment
 - ambulation, 359
 - clonidine, 659
 - consummatory negative contrast, 659
 - exploratory behavior, 359
 - grooming, 359
 - imipramine, chronic, 359
 - social isolation, 359
 - stress, 659
- Olfactory bulbectomy, 351
 - idebenone
 - lesions, midbrain raphe nuclei
 - muricide
- Open field activity
 - amphetamine, 113
 - behavioral changes, 407
 - behavioral genetics, 577
 - ethanol stimulation, 577
 - intracranial administration, 113
 - organophosphate exposure, 407
 - pharmacogenetics, 577
 - selective breeding, 577
 - stereotyped behavior, 113
 - T-maze learning, 407
- Operant behaviors
 - anhedonia, 341
 - consummatory behaviors, 341
 - controlling factors, 367
 - drug reinforcement, 367
 - motor deficit, 341
 - neuroleptics, 341
 - self-administration, 367
- Opiate agonists
 - day-night nociception, 477
 - drug comparisons, 73
 - fixed-consecutive number schedule, 73
 - locomotor activity, 477
 - naloxone, 73
 - rate of responding, 73
 - sex differences, 477
- Opiate antagonists, 693
 - heroin
 - lateral hypothalamus
 - self-administration
- Opioid antagonists, 25
 - chickens
 - food intake
 - water intake
- Opioid receptor agonists, 437
 - antiaversive effects
 - antiemetic effects
 - aversive effects
 - conditioned taste aversion
 - drug interaction
- Opioid self-administration, 373
 - EEG-EMG addiction model
 - pharmacodynamic characteristics
 - pharmacokinetic characteristics
- Opponent size, 645
 - aggression, female
 - ethanol
- Organophosphate exposure, 407
 - behavioral changes
 - open field activity
 - T-maze learning
- Osmotic pump, 199
 - blood serum cholinesterase
 - premature release
 - pyridostigmine
- Ovariectomy
 - analgesia, 611
 - catalepsy, 611
 - estradiol, 53, 211
 - estrogen, 611
 - estrous cycle, 53
 - footfaults, 53
 - hyperactivity, 611
 - lisuride, 211
 - lordosis, 211
 - morphine, 611
 - precopulatory patterns, 211
 - rats, females, 211
 - sensorimotor performance, 53
 - sexual behavior, 211
 - striatum, 53
- Oxiracetam, 491
 - acetylcholine release
 - amnesia
 - aniracetam
 - drug interactions
 - scopolamine
- Oxotremorine, chronic, 723
 - muscarinic receptor levels
 - strain differences
 - tolerance
- Paradoxical sleep inducing factor, 537
 - brain extract
 - intrapertitoneal injection
- Partial reinforcement, 205
 - amphetamine
 - continuous reinforcement
 - extinction
 - nonreinforcement
- Passive avoidance, 253
 - exifone
 - exploratory behavior
 - rodent memory models
 - scopolamine-induced amnesia
- Pattern analysis, 559
 - automated behavior observation
- Pentyletetrazol, 99
 - behavioral sensitivity
 - diazepam
 - long-term effects
 - stress
- Peptide
 - ACTH₁₋₁₀, 133
 - calcitonin, 177, 183
 - corticotropin-releasing factor, 685
 - desglycinamide arginine vasopressin 307
 - [D-Ala², Met⁵]enkephalinamide, 437
 - [Leu⁵]enkephalin, 437
 - serotonin, 45
- Pharmacodynamic characteristics, 373
 - EEG-EMG addiction model
 - opioid self-administration
 - pharmacokinetic characteristics
- Pharmacodynamics, 273
 - cognitive tasks
 - diazepam
 - human studies, elderly adults
- Pharmacogenetics, 577
 - behavioral genetics
 - ethanol stimulation
 - open field
 - selective breeding
- Pharmacokinetic characteristics, 373
 - EEG-EMG addiction model
 - opioid self-administration
 - pharmacodynamic characteristics
- Pharmacological antagonism, 81
 - anticholinergics
 - cholinergics
 - conditioned taste aversion
 - drug interaction
- Phencyclidine
 - animal models, 385
 - central nervous system, 323
 - depressants, 323
 - drug interactions, 323

- drug reinforcement, 385
- mice/rat comparisons, 323
- phencyclinoids, 385
- self-administration, intravenous, 385
- Phencyclinoids, 385
 - animal models
 - drug reinforcement
 - phencyclidine
 - self-administration, intravenous
- Phenobarbital, 171
 - anxiety
 - buspirone
 - conflict behavior
 - diazepam
 - drug comparisons
 - punished responding
 - unpunished responding
- Phentermine, 749
 - acoustic startle
 - diethylpropion
 - fenfluramine
 - phenylpropanolamine
- Phenylpropanolamine, 749
 - acoustic startle
 - diethylpropion
 - fenfluramine
 - phentermine
- Pimozide
 - anhedonia, 67
 - dopamine-receptor blockade, 521
 - lever pressing, 67
 - rats, nondeprived, 67
 - stimulation-induced feeding, 521
 - sucrose reward, 67
- Plasma corticosterone, 619
 - brain 5-HT levels
 - diazepam
 - stress
- Potassium-levels, 443
 - audiogenic seizures
 - hypocalcemia
 - magnesium deficiency
- Precopulatory patterns, 211
 - estradiol
 - lisuride
 - lordosis
 - ovariectomy
 - rats, females
 - sexual behavior
- Premature release, 199
 - blood serum cholinesterase
 - osmotic pump
 - pyridostigmine
- Punished responding, 171
 - anxiety
 - buspirone
 - conflict behavior
 - diazepam
 - drug comparisons
 - phenobarbital
 - unpunished responding
- Pyridostigmine, 199
 - blood serum cholinesterase
 - osmotic pump
 - premature release
- Quaternary naltrexone, 529
 - conditioned analgesia
 - endogenous opioids
 - stress-induced analgesia
- Radial maze performance
 - acquisition, 483
 - 5-HT receptors, 625
 - memory, 625
 - scopolamine, 483
 - serotonergic agonists, 625
 - spatial memory, 483
 - strain differences, 483
- Radiation
 - amphetamines, 677
 - area postrema, 677
 - combined treatment, 671, 677
 - conditioned taste aversion, 671, 677
 - lithium chloride, 671
- Radioprotection, 573
 - dose response
 - locomotor activity
 - time relationship
 - WR-2721
- Rate of responding, 73
 - drug comparisons
 - fixed-consecutive-number schedule
 - naloxone
 - opiate agonists
- Rats, female, 211
 - estradiol
 - lisuride
 - lordosis
 - ovariectomy
 - precopulatory patterns
 - sexual behavior
- Rats, male, 707
 - d-amphetamine
 - food competition
- Rats, nondeprived, 67
 - anhedonia
 - lever pressing
 - pimozide
 - sucrose reward
- Receptor levels, 505
 - nicotine
 - tolerance development
- Rehydration, 425
 - benzodiazepine receptors
 - hypertonic saline intake
- Reliabilities, 565
 - automated monitor
 - behavioral measures
 - spontaneous motor activity
 - time course
- Repeated testing, 159
 - catalepsy
 - conditioned avoidance behavior
 - dopamine turnover
 - haloperidol
 - locomotor activity
 - treadmill
- Reserpine, 21
 - β_1 adrenergic receptors
 - β_2 adrenergic receptors
 - hypothermia
- RO15-4513, 517
 - ethanol reinforcement
 - self-administration
- Rodent memory models, 253
 - exifone
 - exploratory behavior
 - passive avoidance
 - scopolamine-induced amnesia
- Route of administration
 - d-amphetamine, 165
 - barbiturates, 391
- benzodiazepines, 391
 - drug interactions, 165
 - drug reinforcement, 391
 - ejaculation, 187
 - erection, 187
 - horses, males, 187
 - human/monkey/rodent comparisons, 391
 - hypermotility, 165
 - imipramine, 187
 - masturbation, 187
 - metoclopramide, 165
 - self-administration, 391
 - sexual behavior, male horses, 187
 - stereotypy, 165
- Saccharin, 247
 - conditioned taste aversion
 - feed refusal
 - food consumption
 - vomitoxin
- Satiety, 715
 - catecholamine neurotransmitter
 - 2-deoxy-D-glucose
 - food deprivation
 - lateral hypothalamus
 - norepinephrine release
- Schedule-induced polydipsia, 463
 - bar-pressing
 - dopamine agents
 - drinking
 - water deprivation
- Scopolamine
 - acetylcholine release, 491
 - acquisition, 483
 - amnesia, 491
 - aniracetam, 491
 - autoshaping, 307
 - desglycinamide arginine vasopressin 307
 - drug interactions, 491
 - learning/memory, 307
 - lever-touch response, 307
 - oxiracetam, 491
 - radial maze performance, 483
 - spatial memory, 483
 - strain differences, 483
- Scopolamine-induced amnesia, 253
 - exifone
 - exploratory behavior
 - passive avoidance
 - rodent memory models
- Seizures, caffeine-induced, 451
 - behavioral genetics
 - caffeine
 - DMCM
 - hyporesponsiveness
 - inbred mice
- Selective breeding, 577
 - behavioral genetics
 - ethanol stimulation
 - open field
 - pharmacogenetics
- Self-administration
 - barbiturates, 391
 - benzodiazepines, 391
 - controlling factors, 367
 - drug reinforcement, 367, 391
 - ethanol reinforcement, 517
 - heroin, 693

- human/monkey/rodent comparisons, 391
- lateral hypothalamus, 693
- operant behavior, 367
- opiate antagonists, 693
- RO15-4513, 517
- route of administration, 391
- Self-administration, intravenous, 385
 - animal models
 - drug reinforcement
 - phencyclidine
 - phencyclinoids
- Sensitization
 - amphetamine, 61
 - cocaine, 533
 - dopamine release, 533
 - environment-specific conditioning, 61
 - horizontal activity, 61
 - vertical activity, 61
- Sensorimotor performance, 53
 - estradiol
 - estrous cycle
 - footfaults
 - ovariectomy
 - striatum
- Serotonin
 - age differences, 7
 - body weight, 7
 - dopamine, 93
 - estrogen, 93
 - hyperactivity, 45
 - inhibitory mechanisms, 93
 - lordosis, 93
 - median raphe nucleus, 45
 - muscimol, 45
 - nipple attachment, 7
- Serotonergic agonists, 625
 - 5-HT receptors
 - memory
 - radial maze
- Serotonin metabolism, 1
 - dietary fat
 - food intake regulation
 - macronutrient selection
 - monoamine oxidase
- Serotonin-mimetic drugs, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - dorsal raphe nucleus
 - lesions, dorsal raphe nucleus
 - lesions, electrolytic
 - lesions, median raphe nucleus
 - lesions, electrolytic
 - lesions, median raphe nucleus
 - median raphe nucleus
 - mouse killing behavior
 - serotonin neurotransmission
- Serotonin neurotransmission, 123
 - antimuricidal effect
 - p-chlorophenylalanine
 - dorsal raphe nucleus
 - lesions, dorsal raphe nucleus
 - lesions, electrolytic
 - lesions, median raphe nucleus
 - median raphe nucleus
 - mouse killing behavior
 - serotonin-mimetic drugs
- Serotonin receptor sites, 701
 - monkeys, dominant
 - monkeys, subordinate
- Sex differences
 - adiposity, 223
 - castration, 223
 - chickens, 223
 - day-night nociception, 477
 - locomotor activity, 477
 - opiate agonists, 477
 - strain differences, 223
 - testosterone, 223
- Sexual behavior, 211
 - estradiol
 - lisuride
 - lordosis
 - ovariectomy
 - precopulatory behavior
 - rats, females
- Sexual behavior, male horses, 187
 - ejaculation
 - erection
 - horses, males
 - imipramine
 - masturbation
 - route of administration
- Sigma opioids, 733
 - dose-dependent effects
 - drug comparisons
 - fixed consecutive number responding
 - kappa opioids
 - mu opioids
- Site of action, 291
 - anorectic drugs
 - 2-deoxy-D-glucose
 - deprivation-induced feeding
 - glucoprivic-feeding
- Sleep time
 - central nervous system depression, 745
 - drug interaction, 235
 - ethanol, 235, 745
 - muscimol, 745
 - TAG, 235
 - taurine, 235
- Social isolation, 359
 - ambulation
 - exploratory behavior
 - grooming
 - imipramine, chronic
 - novel environment
- Spatial learning, 143
 - chronic treatment
 - diisopropylfluorophosphate
 - muscarinic binding
- Spatial memory, 483
 - acquisition
 - radial maze performance
 - scopolamine
 - strain differences
- Spontaneous motor activity, 565
 - automated monitor
 - behavioral measures
 - reliabilities
 - time course
- Stereotyped behavior
 - amphetamine, 113
 - d-amphetamine, 165
 - drug interactions, 165
 - hypermotility, 165
 - intracranial administration, 113
 - metoclopramide, 165
 - open field, 113
 - route of administration, 165
- Stereotypic behavior measurement, 569
 - Digiscan activity
 - emotionality
 - locomotor activity
 - thigmotactic measurement
- Stimulant interaction, 299
 - CNS stimulants
 - DRL performance
 - lethality
 - “look-alike” stimulants
- Stimulation-induced feeding, 521
 - dopamine-receptor blockade
 - pimozide
- Strain differences
 - acquisition, 483
 - adiposity, 223
 - castration, 223
 - chickens, 223
 - environmental factors, 379
 - ethanol self-administration, 379
 - genetic analysis, 87
 - genetic factors, 379
 - hypothermia, 87
 - morphine, 87
 - muscarinic receptor levels, 723
 - naloxone, 87
 - oxotremorine, chronic, 723
 - radial maze performance, 483
 - scopolamine, 483
 - sex differences, 223
 - spatial memory, 483
 - testosterone, 223
 - tolerance, 723
- Stress
 - behavioral sensitivity, 99
 - brain 5-HT levels, 619
 - cerebral catecholamine systems, 685
 - circadian rhythms, 413
 - clonidine, 659
 - consummatory negative contrast, 659
 - corticotropin-releasing factor, 685
 - cortisol, 413
 - diazepam, 99, 619
 - human studies, 413
 - long-term effects, 99
 - mood ratings, 413
 - novel environment, 659
 - pentylene tetrazol, 99
 - plasma corticosterone, 619
 - urine secretion, 413
- Stress-induced analgesia, 529
 - conditioned analgesia
 - endogenous opioids
 - quaternary naltrexone
- Striatum
 - estradiol, 53
 - estrous cycle, 53
 - footfaults, 53
 - locomotor activity, 583
 - neural transplantation, 583
 - ovariectomy, 53
 - sensorimotor performance, 53
- Subchronic treatment, 239
 - anxiolytic agents
 - exploratory behavior
 - withdrawal
- Sucrose reward, 67
 - anhedonia
 - lever pressing
 - pimozide
 - rats, nondeprived
- TAG, 235
 - drug interaction

- ethanol
- sleep time
- taurine
- Taurine, 235
 - drug interaction
 - ethanol
 - sleep time
 - TAG
- Testosterone, 223
 - adiposity
 - castration
 - chickens
 - sex differences
 - strain differences
- Thigmotactic measurement, 569
 - Digiscan activity
 - emotionality
 - locomotor activity
 - stereotypic behavior measurement
- Time course
 - automated monitor, 565
 - behavioral measures, 565
 - drug discrimination, 41
 - isomeric comparisons, 41
 - 3,4-methylenedioxymethamphetamine, 41
 - reliabilities, 565
 - spontaneous motor activity, 565
- Time relationship, 573
 - dose response
 - locomotor activity
 - radio protection
 - WR-2721
- Timing, 513
 - d-amphetamine
 - methylphenidate
- T-maze learning, 407
 - behavioral changes
 - open field activity
 - organophosphate exposure
- Tolerance
 - choline uptake, 635
 - classical conditioning, 635
 - fixed ratio responding, 653
 - microwaves, 635
 - muscarinic receptor levels, 723
- nicotine, 505
 - oxotremorine, chronic, 723
 - receptor levels, 505
 - strain differences, 723
 - xylene inhalation, 653
- Treadmill, 159
 - catalepsy
 - conditioned avoidance behavior
 - dopamine turnover
 - haloperidol
 - locomotor activity
 - repeated testing
- Tricyclic antidepressants, 105
 - amitriptyline
 - body weight
 - chronic administration
 - desipramine
 - food intake
- U-50,488H, 457
 - analgesia
 - dopaminergic system
 - lesions, electrical
 - morphine
- Unpunished responding, 171
 - anxiety
 - bupirone
 - conflict behavior
 - diazepam
 - drug comparisons
 - phenobarbital
 - punished responding
- Uric acid levels, 231
 - amphetamine
 - ascorbic acid levels
 - haloperidol
 - in vivo
- Urine secretion, 413
 - circadian rhythms
 - cortisol
 - human studies
 - mood ratings
 - stress
- Vasa deferentia, 227
 - Ca channels
 - diabetics
 - hyperactivity
- Vertical activity, 61
 - amphetamine
 - environment-specific conditioning
 - horizontal activity
 - sensitization
- Vomitoxin, 247
 - conditioned taste aversion
 - feed refusal
 - food consumption
 - saccharin
- Wall-climbing, 283
 - B-HT 920
 - B-HT 933
 - clonidine
 - differential effects
 - drug comparisons
 - locomotor activity
- Water deprivation, 463
 - bar pressing
 - dopamine agents
 - drinking
 - schedule-induced polydipsia
- Water intake, 25
 - chickens
 - food intake
 - opioid antagonists
- Withdrawal, 239
 - anxiolytic agents
 - exploratory behavior
 - subchronic treatment
- WR-2721, 573
 - dose response
 - locomotor activity
 - radio protection
 - time relationship
- Xylene inhalation, 653
 - fixed ratio responding
 - tolerance

AUTHOR INDEX

- Abla, K. A., 451
- Ahlenius, S., 93, 159
- Allan, A. M., 665
- Allen, J. D., 463
- Anderson, W. R., 265
- Angel, I., 291
- Arregui-Aguirre, A., 15
- Asin, K. E., 45
- Ator, N. A., 391
- Avril, I., 253
- Bacher, J., 217
- Balfour, D. J. K., 619
- Balster, R. L., 323
- Baptista, T., 399
- Barry, J. M., 239
- Bassett, J. R., 413
- Becker, J. B., 53
- Beckwith, B. E. 133
- Bednarik, E. J., 569
- Beninger, R. J., 61
- Bercovitz, H., 205
- Berka, C., 133
- Berridge, C. W., 685
- Bird, D. C., 299
- Blanchard, D. C., 641, 645
- Blanchard, R. J., 641, 645
- Blancquaert, J.-P., 437
- Boast, C. A., 543, 553
- Bodnar, R. J., 525
- Bodor, N., 265
- Boggan, W. O., 421
- Bolger, G. T., 217
- Bozarth, M. A., 521
- Brammer, G. L., 401
- Breese, G. S., 513
- Brewster, M. E., 265
- Bronson, M. E., 733
- Bushnell, P. J., 431
- Calcagnetti, D. J., 529
- Carney, J. M., 451
- Carr, G. D., 113
- Chaititwanich, R., 443
- Chen, C. H., 193
- Chou, C. K., 635
- Ciesielski, L., 123
- Clancy, A. N., 133
- Clark, D. E., 247
- Claro-Izaguirre, F., 15
- Collins, A. C., 505, 723
- Commissaris, R. L., 171
- Cooper, S. J., 425
- Copeland, R. L., Jr., 653
- Copland, A. M., 619
- Corrigall, W. A., 693
- Coscina, D. V., 105
- Costall, B., 239
- Crabbe, J. C., 577
- Craft, R. M., 165
- Crane, S. B., 1
- Crawley, J. N., 291
- Davidson, T. L., 99
- Davis, H. D., 573
- de Beaurepaire, R., 177, 183
- Demetrikopoulos, M. K., 659
- Denbow, D. M., 25
- Doumont, G., 253
- Deutsch, C. M., 577
- Dominitz, J. A., 573
- Dubow, D., 273
- Dunn, A. J., 685
- Dykstra, L. A., 73
- Eckerman, D. A., 513
- Ellinwood, E. H., Jr., 273
- Evans, K. R., 649
- Fan, T., 355

- Fanselow, M. S., 529
 Feldon, J., 205
 Ferko, A. P., 235, 745
 Fernández-Guasti, A., 93
 Finnefrock, J. A., 569
 Flaherty, C. F., 659
 Flannelly, K., 645
 Forster, M. J., 545
 Fowler, C. J., 159
 Fowler, S. C., 67
 Francès, H., 21
 Freed, W. J., 177, 183
- Garcia, M. C., 187
 George, F. R., 365, 379
 Ghosh, T. K., 653
 Ginter, H., 35
 Gobaille, S., 123
 Goñi-Garrido, M. J., 15
 Goodlett, C. R., 283
 Gordon, C. J., 431
 Gramling, S. E., 67
 Greenwood, C. E., 1
 Griffiths, R. R., 391
 Grigson, P. S., 659
 Gurson, D. B., 569
 Guy, A. W., 635
 Gvaryahu, G., 223
- Hagenmeyer-Houser, S. H., 583
 Hall, J., 641, 645
 Harkabus, L. J., 569
 Harris, R. A., 665
 Hartgraves, S. L., 199
 Harvey, R. B., 247
 Haskett, C., 231
 Heatherly, D. G., 273
 Heise, J. W., 73
 Helmstetter, F. J., 529
 Hendricks, D. G., 443
 Hernandez, L., 399
 Herrera, E., 333
 Higashida, A., 483
 Hillegaart, V., 159
 Hjorth, S., 93
 Hliňák, Z., 211
 Holloway, F. A., 299
 Honda, H., 227
 Hopper, D. L., 559
 Hori, K., 641, 645
 Horita, A., 635
 Howard, J. L., 165
 Hruska, R. E., 629
 Huerta, P. L., 299
 Hughes, R. N., 359
 Hughey, D., 407
 Hunt, W. A., 671, 677
- Ings, R., 153
 Innes, D. G. L., 477
 Inturrisi, C. E., 525
 Isaac, L., 217
 Isel, F., 123
 Itoh, T., 193
 Iwamoto, E. T., 307
- Jappay, E., 497
 Jenks, J. A., 569
 Jenuwine, M. J., 53
- Kato, R., 87
 Kavaliers, M., 477
 Kazandjian, A., 611
 Kelly, M. E., 239
 Kenney, R. M., 187
 Kerényi, S. Z., 199
 Kernan, W. J., Jr., 559
 Kest, B., 525
 Khazan, N., 365, 373
 King, J. M., 81
 Klitenick, M. A., 45
 Komura, S., 317
 Kosobud, A., 577
 Kreider, M., 7
 Kuenzel, W. J., 257
 Kutscher, C. L., 749
- LaForest, A. R., 569
 Lai, H., 635
 Landauer, M. R., 573
 Larsson, K., 93
 Lee, J., 671, 677
 Lefebvre, R. A., 437
 Lenègre, A., 253
 Lerma, M. S., 247
 Leshem, M., 7
 Lewis, R. M., 707
 Ljungberg, T., 341
 Lucki, I., 99
- McCloskey, T. C., 171
 McCormack, J. F., 25
 McDonnell, S. M., 187
 McDonough, J., 407
 McGivern, R. F., 133
 McGuire, M. T., 701
- MacRae, L. K., 565
 Magnusson, O., 159
 Mahoney, A. W., 443
 Mandel, P., 123
 Manning, S., 513
 Marks, M. J., 505, 723
 Marquis, K. L., 385
 Masuda, Y., 193
 Matthies, H., 537
 Mattucci-Schiavone, L., 745
 Mazurski, E. J., 61
 Meisch, R. A., 367
 Michaelis, R. C., 299
 Middaugh, L. D., 421
 Miller, M. M., 53
 Mills, F. G., 517
 Mitchell, J. A., 707
 Mitchell, S. G., 569
 Miyamoto, M., 351
 Modrow, H., 407
 Moerschbaecher, J. M., 733
 Molina, V., 123
 Mookherjee, S., 653
 Moreton, J. E., 385
- Morgado-Bernal, I., 15
 Mueller, K., 231
 Mullenix, P. J., 559
 Mundy, W. R., 307
 Murai, S., 193
 Muraki, T., 87
 Murtha, S., 153
 Myers, R. D., 715
- Nagaoka, A., 351
 Nagy, R. P., 569
 Naranjo, C. A., 355
 Naylor, R. J., 239
 Nikaido, A. M., 273
 Nobrega, J. N., 105
 Nomikos, G., 611
- Ogawa, N., 483
 Ohno, M., 457
 Olton, D., 407
 Ossenkopp, K.-P., 565
- Pappas, B. A., 153
 Parada, M., 399
 Parui, R. N., 653
 Pastor, G., 553
 Paul, B. K., 171
 Paul, S. M., 291
 Peinado, J. M., 715
 Pepeu, G., 491
 Peris, J., 533
 Petti, D. T., 625
 Pfeffer, A. O., 517
 Picker, M., 73
 Pither, J. M., 359
 Pollard, G. T., 165
 Porsolt, R. D., 253
 Pradhan, S. N., 653
 Pranzatelli, M. R., 497
- Rabin, B. M., 671, 677
 Raffaele, K., 407
 Raleigh, M. J., 701
 Randall, C. L., 421
 Remesar, X., 333
 Rennert, O. M., 451
 Rexroad, C. E., Jr., 257
 Rhoads, K., 569
 Robinzon, B., 223
 Roderick, T. H., 451
 Rohrbach, K. W., 165
 Romano, J. A., 81
 Romm, E., 723
 Rose, G., 133
 Rozenboim, I., 223
- Saari, M., 153
 Sadeghi, K. G., 517
 Saito, H., 193
 Sakai, Y., 227
 Samson, H. H., 517
 Sanberg, P. R., 543, 569, 583
 Sandman, C. A., 133
 Sayag, N., 223
 Schechter, M. D., 41
- Seale, T. W., 451
 Segbefia, D., 513
 Sfikakis, A., 611
 Simon, P., 21
 Simpkins, J. W., 265
 Sisson, D. V., 443
 Skolnick, P., 35
 Smythe, J., 153
 Snapir, N., 223, 257
 Snodgrass, S. H., 463, 497
 Snyder, P. J., 53
 Spignoli, G., 491
 Spillane, R., 413
 Spyraiki, C., 611
 Stange, K., 153
 Stark, H., 537
 Stéru, L., 253
 Stitzel, J. A., 505
 Stivers, J. A., 291
 Streater, A., 521
- Tam, B. R., 577
 Teskey, G. C., 565
 Ticarich, C. D., 569
 Tizzano, J. P., 67
 Tolliver, G. A., 517
 Truesdell, L. S., 525
 Trullas, R., 35
- Ueki, S., 457
 Upchurch, M., 143
- Vaccarino, F. J., 649
 Valentino, M. L., 283
 Van Arsdalen, K. N., 187
 Vilaró, S., 333
 Viñas, O., 333
- Waxler, J., 223
 Wehner, J. M., 143
 Weiner, I., 205
 Weiss, J. F., 573
 Weissman, B. A., 217
 Wellman, P. J., 247
 Wenk, G., 407
 Wessinger, W. D., 323
 Westgate, S. A., 53
 Wetzel, W., 537
 White, N. M., 113
 Willems, J. L., 437
 Willis, R., 569
 Wilson, M. C., 707
 Winter, J. C., 625
 Wirtshafter, D., 45
 Wu, P. H., 355
- Yamamoto, T., 457
 Yoburn, B. C., 525
 Yoshida, H., 187
 Yoshimoto, K., 317
 Young, E. R., 577
 Young, G. A., 373
- Zahnister, N. R., 533
 Zárate-Oleaga, J. A., 15
 Zoloty, S. A., 569