

Keyword index

Acetylcholine

Nicotine; Addiction; Ventral tegmental area; Nucleus accumbens; Dopamine (Mansvelder, H.D. (480) 117)

Addiction

Nicotine; Ventral tegmental area; Nucleus accumbens; Acetylcholine; Dopamine (Mansvelder, H.D. (480) 117)

Adiponectin

Fatty acid; Glucocorticoid; Leptin; PPAR γ (peroxisome proliferator-activated receptor); Hypothalamus (van Dijk, G. (480) 31)

Aggression

Anxiety; 5-HT (5-hydroxytryptamine, serotonin); Transgenics; Knockout mouse (Lesch, K.P. (480) 185)

Agouti-related peptide

Leptin; Proopiomelanocortin; Neuropeptide Y; Ghrelin; Peptide YY-(3–36) (Cowley, M.A. (480) 3)

AgRP (agouti-related protein)

Anorexia; Hypothalamus; Mouse model; Genetic; Positional cloning; Neuropeptide Y; POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

Anandamide

2-Arachidonoylglycerol; Cannabinoid; Dopamine; Movement disorder; Reward (van der Stelt, M. (480) 133)

Animal model

ENU (ethyl-nitrosourea); Mouse mutant; Phenotype-driven screen; Disease gene (Keays, D.A. (480) 205)

Mutagenesis; ENU (ethyl-nitrosourea); Psychiatric disorder; Behaviour; High-throughput screen; Candidate gene (Ohl, F. (480) 219)

Anorexia

Eating disorder; Bulimia; Hypothalamus; Peptide; Randomized controlled trial (Södersten, P. (480) 67)

Hypothalamus; Mouse model; Genetic; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

Anorexia nervosa

Phenotype; Obesity; Genotype; Trait; Hyperactivity; Anxiety (Kas, M.J.H. (480) 13)

Anxiety

Anorexia nervosa; Phenotype; Obesity; Genotype; Trait; Hyperactivity (Kas, M.J.H. (480) 13)

Aggression; 5-HT (5-hydroxytryptamine, serotonin); Transgenics; Knockout mouse (Lesch, K.P. (480) 185)

2-Arachidonoylglycerol

Anandamide; Cannabinoid; Dopamine; Movement disorder; Reward (van der Stelt, M. (480) 133)

Arousal

Estrogen; Genomic; Hypothalamus; Sex (Mong, J. (480) 229)

Association

Psychosis; Linkage; Genetic; 5-HT (5-hydroxytryptamine, serotonin); Proline; Neuregulin (Collier, D.A. (480) 177)

Autoantibody

Anorexia; Hypothalamus; Mouse model; Genetic; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin) (Johansen, J.E. (480) 171)

Autonomic nervous system

Hypothalamus; Circadian rhythm; Metabolic syndrome; Visceral obesity; Diabetes; Hypertension (Kreier, F. (480) 51)

BDNF (brain-derived neurotrophic factor)

Dopamine; Parkinson's disease; Behavioral sensitization; Dyskinesia (Guillin, O. (480) 89)

Behavioral sensitization

Dopamine; BDNF (brain-derived neurotrophic factor); Parkinson's disease; Dyskinesia (Guillin, O. (480) 89)

Behaviour

Animal model; Mutagenesis; ENU (ethyl-nitrosourea); Psychiatric disorder; High-throughput screen; Candidate gene (Ohl, F. (480) 219)

Bulimia

Eating disorder; Anorexia; Hypothalamus; Peptide; Randomized controlled trial (Södersten, P. (480) 67)

Candidate gene

Animal model; Mutagenesis; ENU (ethyl-nitrosourea); Psychiatric disorder; Behaviour; High-throughput screen (Ohl, F. (480) 219)

Cannabinoid

Anandamide; 2-Arachidonoylglycerol; Dopamine; Movement disorder; Reward (van der Stelt, M. (480) 133)

CART

Melatonin; Photoperiod; *Phodopus*; Leptin; SOCS3 (Mercer, J.G. (480) 43)

Circadian rhythm

Autonomic nervous system; Hypothalamus; Metabolic syndrome; Visceral obesity; Diabetes; Hypertension (Kreier, F. (480) 51)

Cocaine

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor knockout mouse; Drug self-administration; Feeding behaviour; RNA editing (Higgins, G.A. (480) 151)

Development

Mesencephalic; Dopaminergic; Pitx3; Midbrain; Dopamine (Smidt, M.P. (480) 75)

Sciatic nerve crush; Regeneration; Homeobox; Transcription factor; Dorsal root ganglion (Vogelaar, C.F. (480) 233)

Diabetes

Autonomic nervous system; Hypothalamus; Circadian rhythm; Metabolic syndrome; Visceral obesity; Hypertension (Kreier, F. (480) 51)

Disease gene

ENU (ethyl-nitrosourea); Animal model; Mouse mutant; Phenotype-driven screen (Keays, D.A. (480) 205)

Dopamine

Development; Mesencephalic; Dopaminergic; Pitx3; Midbrain (Smidt, M.P. (480) 75)

BDNF (brain-derived neurotrophic factor); Parkinson's disease; Behavioral sensitization; Dyskinesia (Guillin, O. (480) 89)

Nicotine; Addiction; Ventral tegmental area; Nucleus accumbens; Acetylcholine (Mansvelder, H.D. (480) 117)

Dopamine D2 receptor; Metabolic syndrome X; Insulin resistance; Obesity (Pijl, H. (480) 125)

Anandamide; 2-Arachidonoylglycerol; Cannabinoid; Movement disorder; Reward (van der Stelt, M. (480) 133)

Dopamine D2 receptor

Dopamine; Metabolic syndrome X; Insulin resistance; Obesity (Pijl, H. (480) 125)

Dopaminergic

Development; Mesencephalic; Pitx3; Midbrain; Dopamine (Smidt, M.P. (480) 75)

Dorsal root ganglion

Sciatic nerve crush; Regeneration; Development; Homeobox; Transcription factor (Vogelaar, C.F. (480) 233)

Drug addiction

Ventral tegmental area; Mesolimbic; Synaptic transmission; Electrophysiology (Mathon, D.S. (480) 97)

Drug self-administration

Cocaine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor knockout mouse; Feeding behaviour; RNA editing (Higgins, G.A. (480) 151)

Dyskinesia

Dopamine; BDNF (brain-derived neurotrophic factor); Parkinson's disease; Behavioral sensitization (Guillin, O. (480) 89)

Eating disorder

Anorexia; Bulimia; Hypothalamus; Peptide; Randomized controlled trial (Södersten, P. (480) 67)

5-HT_{2A} receptor gene; Heritability (Gorwood, P. (480) 163)

Electrophysiology

Ventral tegmental area; Mesolimbic; Synaptic transmission; Drug addiction (Mathon, D.S. (480) 97)

ENU (ethyl-nitrosourea)

Animal model; Mutagenesis; Psychiatric disorder; Behaviour; High-throughput screen; Candidate gene (Ohl, F. (480) 219)

Animal model; Mouse mutant; Phenotype-driven screen; Disease gene (Keays, D.A. (480) 205)

Estrogen

Genomic; Hypothalamus; Sex; Arousal (Mong, J. (480) 229)

Fatty acid

Glucocorticoid; Leptin; Adiponectin; PPAR γ (peroxisome proliferator-activated receptor); Hypothalamus (van Dijk, G. (480) 31)

Feeding behaviour

Cocaine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor knockout mouse; Drug self-administration; RNA editing (Higgins, G.A. (480) 151)

Food intake

Neuropeptide Y; Obesity; Transgenic animal; Satiety signal (Herzog, H. (480) 21)

Genetic

Anorexia; Hypothalamus; Mouse model; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Auto-antibody (Johansen, J.E. (480) 171)

Psychosis; Linkage; Association; 5-HT (5-hydroxytryptamine, serotonin); Proline; Neuregulin (Collier, D.A. (480) 177)

Genomic

Estrogen; Hypothalamus; Sex; Arousal (Mong, J. (480) 229)

Genotype

Anorexia nervosa; Phenotype; Obesity; Trait; Hyperactivity; Anxiety (Kas, M.J.H. (480) 13)

Ghrelin

Leptin; Proopiomelanocortin; Agouti-related peptide; Neuropeptide Y; Peptide YY-(3–36) (Cowley, M.A. (480) 3)

Glucocorticoid

Fatty acid; Leptin; Adiponectin; PPAR γ (peroxisome proliferator-activated receptor); Hypothalamus (van Dijk, G. (480) 31)

Heritability

Eating disorder; 5-HT_{2A} receptor gene (Gorwood, P. (480) 163)

High-throughput screen

Animal model; Mutagenesis; ENU (ethyl-nitrosourea); Psychiatric disorder; Behaviour; Candidate gene (Ohl, F. (480) 219)

Homeobox

Sciatic nerve crush; Regeneration; Development; Transcription factor; Dorsal root ganglion (Vogelaar, C.F. (480) 233)

5-HT (5-hydroxytryptamine, serotonin)

Cocaine; 5-HT_{2C} receptor knockout mouse; Drug self-administration; Feeding behaviour; RNA editing (Higgins, G.A. (480) 151)

Anxiety; Aggression; Transgenics; Knockout mouse (Lesch, K.P. (480) 185)

5-HT (5-hydroxytryptamine, serotonin)

Psychosis; Linkage; Association; Genetic; Proline; Neuregulin (Collier, D.A. (480) 177)

5-HT_{2A} receptor gene

Eating disorder; Heritability (Gorwood, P. (480) 163)

5-HT_{2C} receptor knockout mouse

Cocaine; 5-HT (5-hydroxytryptamine, serotonin); Drug self-administration; Feeding behaviour; RNA editing (Higgins, G.A. (480) 151)

Hyperactivity

Anorexia nervosa; Phenotype; Obesity; Genotype; Trait; Anxiety (Kas, M.J.H. (480) 13)

Hypertension

Autonomic nervous system; Hypothalamus; Circadian rhythm; Metabolic syndrome; Visceral obesity; Diabetes (Kreier, F. (480) 51)

Hypothalamus

Fatty acid; Glucocorticoid; Leptin; Adiponectin; PPAR γ (peroxisome proliferator-activated receptor) (van Dijk, G. (480) 31)

Autonomic nervous system; Circadian rhythm; Metabolic syndrome; Visceral obesity; Diabetes; Hypertension (Kreier, F. (480) 51)

Eating disorder; Anorexia; Bulimia; Peptide; Randomized controlled trial (Södersten, P. (480) 67)

Anorexia; Mouse model; Genetic; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

Estrogen; Genomic; Sex; Arousal (Mong, J. (480) 229)

Insulin resistance

Dopamine; Dopamine D2 receptor; Metabolic syndrome X; Obesity (Pijl, H. (480) 125)

Knockout mouse

Anxiety; Aggression; 5-HT (5-hydroxytryptamine, serotonin); Transgenics (Lesch, K.P. (480) 185)

Leptin

Proopiomelanocortin; Agouti-related peptide; Neuropeptide Y; Ghrelin; Peptide YY-(3–36) (Cowley, M.A. (480) 3)

Fatty acid; Glucocorticoid; Adiponectin; PPAR γ (peroxisome proliferator-activated receptor); Hypothalamus (van Dijk, G. (480) 31)

Melatonin; Photoperiod; *Phodopus*; SOCS3; CART (Mercer, J.G. (480) 43)

Linkage

Psychosis; Association; Genetic; 5-HT (5-hydroxytryptamine, serotonin); Proline; Neuregulin (Collier, D.A. (480) 177)

Melatonin

Photoperiod; *Phodopus*; Leptin; SOCS3; CART (Mercer, J.G. (480) 43)

Mesencephalic

Development; Dopaminergic; Pitx3; Midbrain; Dopamine (Smidt, M.P. (480) 75)

Mesolimbic

Ventral tegmental area; Synaptic transmission; Electrophysiology; Drug addiction (Mathon, D.S. (480) 97)

Metabolic syndrome

Autonomic nervous system; Hypothalamus; Circadian rhythm; Visceral obesity; Diabetes; Hypertension (Kreier, F. (480) 51)

Metabolic syndrome X

Dopamine; Dopamine D2 receptor; Insulin resistance; Obesity (Pijl, H. (480) 125)

Midbrain

Development; Mesencephalic; Dopaminergic; Pitx3; Dopamine (Smidt, M.P. (480) 75)

Mouse model

Anorexia; Hypothalamus; Genetic; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

Mouse mutant

ENU (ethyl-nitrosourea); Animal model; Phenotype-driven screen; Disease gene (Keays, D.A. (480) 205)

Movement disorder

Anandamide; 2-Arachidonoylglycerol; Cannabinoid; Dopamine; Reward (van der Stelt, M. (480) 133)

Mutagenesis

Animal model; ENU (ethyl-nitrosourea); Psychiatric disorder; Behaviour; High-throughput screen; Candidate gene (Ohl, F. (480) 219)

Neuregulin

Psychosis; Linkage; Association; Genetic; 5-HT (5-hydroxytryptamine, serotonin); Proline (Collier, D.A. (480) 177)

Neuropeptide Y

Leptin; Proopiomelanocortin; Agouti-related peptide; Ghrelin; Peptide YY-(3–36) (Cowley, M.A. (480) 3)

Obesity; Transgenic animal; Food intake; Satiety signal (Herzog, H. (480) 21)

Anorexia; Hypothalamus; Mouse model; Genetic; Positional cloning; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

Nicotine

Addiction; Ventral tegmental area; Nucleus accumbens; Acetylcholine; Dopamine (Mansvelder, H.D. (480) 117)

Nucleus accumbens

Nicotine; Addiction; Ventral tegmental area; Acetylcholine; Dopamine (Mansvelder, H.D. (480) 117)

Obesity

Anorexia nervosa; Phenotype; Genotype; Trait; Hyperactivity; Anxiety (Kas, M.J.H. (480) 13)

Neuropeptide Y; Transgenic animal; Food intake; Satiety signal (Herzog, H. (480) 21)

Dopamine; Dopamine D2 receptor; Metabolic syndrome X; Insulin resistance (Pijl, H. (480) 125)

Parkinson's disease

Dopamine; BDNF (brain-derived neurotrophic factor); Behavioral sensitization; Dyskinesia (Guillin, O. (480) 89)

Peptide

Eating disorder; Anorexia; Bulimia; Hypothalamus; Randomized controlled trial (Södersten, P. (480) 67)

Peptide YY-(3–36)

Leptin; Proopiomelanocortin; Agouti-related peptide; Neuropeptide Y; Ghrelin (Cowley, M.A. (480) 3)

Phenotype

Anorexia nervosa; Obesity; Genotype; Trait; Hyperactivity; Anxiety (Kas, M.J.H. (480) 13)

Phenotype-driven screen

ENU (ethyl-nitrosourea); Animal model; Mouse mutant; Disease gene (Keays, D.A. (480) 205)

Phodopus

Melatonin; Photoperiod; Leptin; SOCS3; CART (Mercer, J.G. (480) 43)

Photoperiod

Melatonin; *Phodopus*; Leptin; SOCS3; CART (Mercer, J.G. (480) 43)

Pitx3

Development; Mesencephalic; Dopaminergic; Midbrain; Dopamine (Smidt, M.P. (480) 75)

POMC (pro-opiomelanocortin)

Anorexia; Hypothalamus; Mouse model; Genetic; Positional cloning; Neuropeptide Y; AgRP (agouti-related protein); Autoantibody (Johansen, J.E. (480) 171)

Positional cloning

Anorexia; Hypothalamus; Mouse model; Genetic; Neuropeptide Y; AgRP (agouti-related protein); POMC (pro-opiomelanocortin); Autoantibody (Johansen, J.E. (480) 171)

PPAR γ (peroxisome proliferator-activated receptor)

Fatty acid; Glucocorticoid; Leptin; Adiponectin; Hypothalamus (van Dijk, G. (480) 31)

Proline

Psychosis; Linkage; Association; Genetic; 5-HT (5-hydroxytryptamine, serotonin); Neuregulin (Collier, D.A. (480) 177)

Proopiomelanocortin

Leptin; Agouti-related peptide; Neuropeptide Y; Ghrelin; Peptide YY-(3–36) (Cowley, M.A. (480) 3)

Psychiatric disorder

Animal model; Mutagenesis; ENU (ethyl-nitrosourea); Behaviour; High-throughput screen; Candidate gene (Ohl, F. (480) 219)

Psychosis

Linkage; Association; Genetic; 5-HT (5-hydroxytryptamine, serotonin); Proline; Neuregulin (Collier, D.A. (480) 177)

Randomized controlled trial

Eating disorder; Anorexia; Bulimia; Hypothalamus; Peptide (Södersten, P. (480) 67)

Regeneration

Sciatic nerve crush; Development; Homeobox; Transcription factor; Dorsal root ganglion (Vogelaar, C.F. (480) 233)

Reward

Anandamide; 2-Arachidonoylglycerol; Cannabinoid; Dopamine; Movement disorder (van der Stelt, M. (480) 133)

RNA editing

Cocaine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor knockout mouse; Drug self-administration; Feeding behaviour (Higgins, G.A. (480) 151)

Satiety signal

Neuropeptide Y; Obesity; Transgenic animal; Food intake (Herzog, H. (480) 21)

Sciatic nerve crush

Regeneration; Development; Homeobox; Transcription factor; Dorsal root ganglion (Vogelaar, C.F. (480) 233)

Sex

Estrogen; Genomic; Hypothalamus; Arousal (Mong, J. (480) 229)

SOCS3

Melatonin; Photoperiod; *Phodopus*; Leptin; CART (Mercer, J.G. (480) 43)

Synaptic transmission

Ventral tegmental area; Mesolimbic; Electrophysiology; Drug addiction (Mathon, D.S. (480) 97)

Trait

Anorexia nervosa; Phenotype; Obesity; Genotype; Hyperactivity; Anxiety (Kas, M.J.H. (480) 13)

Transcription factor

Sciatic nerve crush; Regeneration; Development; Homeobox; Dorsal root ganglion (Vogelaar, C.F. (480) 233)

Transgenic animal

Neuropeptide Y; Obesity; Food intake; Satiety signal (Herzog, H. (480) 21)

Transgenics

Anxiety; Aggression; 5-HT (5-hydroxytryptamine, serotonin); Knockout mouse (Lesch, K.P. (480) 185)

Ventral tegmental area

Mesolimbic; Synaptic transmission; Electrophysiology; Drug addiction (Mathon, D.S. (480) 97)

Nicotine; Addiction; Nucleus accumbens; Acetylcholine; Dopamine (Mansvelder, H.D. (480) 117)

Visceral obesity

Autonomic nervous system; Hypothalamus; Circadian rhythm; Metabolic syndrome; Diabetes; Hypertension (Kreier, F. (480) 51)