

## Keyword index

### Acetylcholine

Spatial learning; Hippocampus; Scopolamine; 5-HT<sub>1A</sub> receptor; (*S*)-WAY 100135; Alzheimer disease; (Rat) (Carli, M. (283) 133)

### Acetylcholine release

Striatum; Nucleus accumbens; Morphine; Opioid receptor; Sensitization (Tjon, G.H.K. (283) 169)

### Adenosine A<sub>1</sub> receptor

NMDA receptor; Seizure; Alzheimer's disease; (Mouse) (Von Lubitz, D.K.J.E. (283) 185)

### Adenosine release

Coronary occlusion; Reperfusion arrhythmia; Lidocaine; Quinidine; Gallopamil (Bernauer, W. (283) 91)

### Adrenalectomy

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Pacing-induced heart failure; Protein kinase C; Polymyxin B; Smooth muscle, vascular (Forster, C. (283) 241)

### $\alpha_1$ -Adrenoceptor

Dopamine receptor; 5-HT<sub>2</sub> receptor; Hyperactivity; Amphetamine; (Rat) (Arnt, J. (283) 55)

### Alzheimer disease

Spatial learning; Hippocampus; Acetylcholine; Scopolamine; 5-HT<sub>1A</sub> receptor; (*S*)-WAY 100135; (Rat) (Carli, M. (283) 133)

### Alzheimer's disease

Adenosine A<sub>1</sub> receptor; NMDA receptor; Seizure; (Mouse) (Von Lubitz, D.K.J.E. (283) 185)

### Amphetamine

Dopamine receptor; 5-HT<sub>2</sub> receptor;  $\alpha_1$ -Adrenoceptor; Hyperactivity; (Rat) (Arnt, J. (283) 55)

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Ethanol self-administration; GABA<sub>A</sub> receptor (Hyytiä, P. (283) 151)

### Angiotensin AT<sub>1</sub> receptor

SB 203220; Angiotensin II; SK&F 108566; (In vitro and in vivo pharmacology) (Aiyar, N. (283) 63)

### Angiotensin II

SB 203220; SK&F 108566; Angiotensin AT<sub>1</sub> receptor; (In vitro and in vivo pharmacology) (Aiyar, N. (283) 63)

### Anorexia

Nitric oxide (NO); *N*<sup>G</sup>-Nitro-L-arginine methyl ester; 5-HT (5-hydroxytryptamine, serotonin); Gastric emptying; Food intake (Hui, S.-C.G. (283) 141)

### Antinociception

Transgenic mouse; Superoxide dismutase; Opiate receptor; Genetics (Elmer, G.I. (283) 227)

### Antioxidant

Toxicity; Free radical; NMDA receptor; Cortical culture (Eshhar, N. (283) 19)

### Appetite

Fenfluramine; Neurotoxicity (McCann, U.D. (283) R5)

### Asthma

Nitric oxide (NO); Cystic fibrosis; Inflammation; Cytokine (Belvisi, M. (283) 255)

### Autonomic nerve

Diterpenoid alkaloid; Blood pressure; Heart rate (Chiao, H. (283) 103)

### Autoradiography

Skin, human; Bradykinin receptor (Schremmer-Danninger, E. (283) 207)

### Blood pressure

Diterpenoid alkaloid; Autonomic nerve; Heart rate (Chiao, H. (283) 103)

### Bradykinin receptor

Autoradiography; Skin, human (Schremmer-Danninger, E. (283) 207)

### BW A868C

Prostanoid DP receptor; Myometrium, human; Prostaglandin D<sub>2</sub>; Smooth muscle (Fernandes, B. (283) 73)

### Catecholamine

Dopamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ouabain; Ionic mechanism; Voltage clamp; Neuron; (Snail) (Emaduddin, M. (283) 113)

### Cerebral ischemia

JO 1784 (igmesine hydrochloride); Hippocampus; Neuroprotection; Nitric oxide (NO) synthase; (Gerbil) (O'Neill, M. (283) 217)

### Chloride ion

Local anesthetic; Hippocampal neuron; Patch-clamp technique; GABA ( $\gamma$ -aminobutyric acid); Glycine (Hara, M. (283) 83)

### Cocaine

SCH 23390; Sulpiride; Eticlopride; Ontogeny (Pruitt, D.L. (283) 125)

### Coronary occlusion

Adenosine release; Reperfusion arrhythmia; Lidocaine; Quinidine; Gallopamil (Bernauer, W. (283) 91)

### Cortical culture

Toxicity; Antioxidant; Free radical; NMDA receptor (Eshhar, N. (283) 19)

**Cromakalim**

RP 49356; Myometrium;  $^{42}\text{K}^+$  efflux;  $^{86}\text{Rb}^+$  efflux;  $\text{K}^+$  channel (Piper, I.T. (283) 1)

**Cystic fibrosis**

Nitric oxide (NO); Asthma; Inflammation; Cytokine (Belvisi, M. (283) 255)

**Cytokine**

Nitric oxide (NO); Asthma; Cystic fibrosis; Inflammation (Belvisi, M. (283) 255)

**Diazepam**

Ethanol withdrawal; NMDA receptor;  $\text{GABA}_A$  receptor; Microdialysis; Dizocilpine (Rossetti, Z.L. (283) 177)

**Distal colon**

5-HT<sub>3</sub> receptor; Enteric nervous system; Myenteric neuron; YM060 ((-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-enzimidazole monohydrochloride); (Guinea pig) (Ito, H. (283) 107)

**Diterpenoid alkaloid**

Autonomic nerve; Blood pressure; Heart rate (Chiao, H. (283) 103)

**Dizocilpine**

Ethanol withdrawal; NMDA receptor;  $\text{GABA}_A$  receptor; Microdialysis; Diazepam (Rossetti, Z.L. (283) 177)

**Dopamine**

Catecholamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ouabain; Ionic mechanism; Voltage clamp; Neuron; (Snail) (Emaduddin, M. (283) 113)

**Dopamine receptor**

5-HT<sub>2</sub> receptor;  $\alpha_1$ -Adrenoceptor; Hyperactivity; Amphetamine; (Rat) (Arnt, J. (283) 55)

**Dopamine receptor, agonist, antagonist**

Catecholamine; Dopamine; Protein kinase inhibitor; Ouabain; Ionic mechanism; Voltage clamp; Neuron; (Snail) (Emaduddin, M. (283) 113)

**DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine)**

Locus ceruleus; Methamphetamine; Striatal dopamine (Fornai, F. (283) 99)

**Edema**

Lipocortin 1; Neurogenic inflammation; Topical glucocorticoid (Ahluwalia, A. (283) 193)

**Endothelium**

Tachykinin; Tachykinin NK<sub>1</sub> receptor; Nitric oxide (NO); Jugular vein, rabbit (Patacchini, R. (283) 233)

**Endotoxin**

Nitric oxide (NO); Microcirculation;  $N^G$ -Nitro-L-arginine methyl ester;  $N^G$ -Monomethyl-L-arginine; Multiple organ failure; Sepsis (László, F. (283) 47)

**Enteric nervous system**

5-HT<sub>3</sub> receptor; Myenteric neuron; Distal colon; YM060 ((-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-enzimidazole monohydrochloride); (Guinea pig) (Ito, H. (283) 107)

**Ethanol self-administration**

Amygdala, extended;  $\text{GABA}_A$  receptor (Hyytiä, P. (283) 151)

**Ethanol withdrawal**

NMDA receptor;  $\text{GABA}_A$  receptor; Microdialysis; Dizocilpine; Diazepam (Rossetti, Z.L. (283) 177)

**Eticlopride**

Cocaine; SCH 23390; Sulpiride; Ontogeny (Pruitt, D.L. (283) 125)

**Fenfluramine**

Neurotoxicity; Appetite (McCann, U.D. (283) R5)

**Food intake**

Nitric oxide (NO);  $N^G$ -Nitro-L-arginine methyl ester; 5-HT (5-hydroxytryptamine, serotonin); Anorexia; Gastric emptying (Hui, S.-C.G. (283) 141)

**Free radical**

Toxicity; Antioxidant; NMDA receptor; Cortical culture (Eshhar, N. (283) 19)

**GABA ( $\gamma$ -aminobutyric acid)**

Local anesthetic; Hippocampal neuron; Chloride ion; Patch-clamp technique; Glycine (Hara, M. (283) 83)

 **$\text{GABA}_A$  receptor**

Ethanol self-administration; Amygdala, extended (Hyytiä, P. (283) 151)

Ethanol withdrawal; NMDA receptor; Microdialysis; Dizocilpine; Diazepam (Rossetti, Z.L. (283) 177)

**Gallopamil**

Coronary occlusion; Adenosine release; Reperfusion arrhythmia; Lidocaine; Quinidine (Bernauer, W. (283) 91)

**Gastric emptying**

Nitric oxide (NO);  $N^G$ -Nitro-L-arginine methyl ester; 5-HT (5-hydroxytryptamine, serotonin); Anorexia; Food intake (Hui, S.-C.G. (283) 141)

**Genetics**

Transgenic mouse; Superoxide dismutase; Opiate receptor; Antinociception (Elmer, G.I. (283) 227)

**Glycine**

Local anesthetic; Hippocampal neuron; Chloride ion; Patch-clamp technique; GABA ( $\gamma$ -aminobutyric acid) (Hara, M. (283) 83)

**GR127935**

Ketanserin; Saphenous vein, rabbit; Jugular vein, guinea-pig; 5-HT<sub>1D</sub> receptor (Razzaque, Z. (283) 199)

**Heart rate**

Diterpenoid alkaloid; Autonomic nerve; Blood pressure (Chiao, H. (283) 103)

**Hippocampal neuron**

Local anesthetic; Chloride ion; Patch-clamp technique; GABA ( $\gamma$ -aminobutyric acid); Glycine (Hara, M. (283) 83)

**Hippocampus**

Spatial learning; Acetylcholine; Scopolamine; 5-HT<sub>1A</sub> receptor; (S)-WAY 100135; Alzheimer disease; (Rat) (Carli, M. (283) 133)

Cerebral ischemia; JO 1784 (igmesine hydrochloride); Neuroprotection; Nitric oxide (NO) synthase; (Gerbil) (O'Neill, M. (283) 217)

**Histogranin**

NMDA receptor; Passive avoidance; Learning; Memory; (Mouse) (Maurice, T. (283) 251)

**5-HT (5-hydroxytryptamine, serotonin)**

Nitric oxide (NO);  $N^G$ -Nitro-L-arginine methyl ester; Anorexia; Gastric emptying; Food intake (Hui, S.-C.G. (283) 141)

**5-HT<sub>1A</sub> receptor**

5-HT<sub>1D</sub> receptor; 5-HT<sub>7</sub> receptor (Waeber, C. (283) 31)

Spatial learning; Hippocampus; Acetylcholine; Scopolamine; (*S*)-WAY 100135; Alzheimer disease; (Rat) (Carli, M. (283) 133)

**5-HT<sub>1D</sub> receptor**

5-HT<sub>1A</sub> receptor; 5-HT<sub>7</sub> receptor (Waeber, C. (283) 31)

Ketanserin; GR127935; Saphenous vein, rabbit; Jugular vein, guinea-pig (Razzaque, Z. (283) 199)

**5-HT<sub>2</sub> receptor**

Dopamine receptor;  $\alpha_1$ -Adrenoceptor; Hyperactivity; Amphetamine; (Rat) (Arnt, J. (283) 55)

**5-HT<sub>3</sub> receptor**

Enteric nervous system; Myenteric neuron; Distal colon; YM060 {(–)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-enzimidazole monohydrochloride); (Guinea pig) (Ito, H. (283) 107)

**5-HT<sub>7</sub> receptor**

5-HT<sub>1D</sub> receptor; 5-HT<sub>1A</sub> receptor (Waeber, C. (283) 31)

**5-HT<sub>1A</sub> receptor, human**

PET (positron emission tomography); [<sup>11</sup>C]WAY-100635 (Pike, V.W. (283) R1)

**Hyperactivity**

Dopamine receptor; 5-HT<sub>2</sub> receptor;  $\alpha_1$ -Adrenoceptor; Amphetamine; (Rat) (Arnt, J. (283) 55)

**Inflammation**

Nitric oxide (NO); Asthma; Cystic fibrosis; Cytokine (Belvisi, M. (283) 255)

**Interleukin-8**

Lipocortin 1; RU486; Adrenalectomy; PAF (platelet-activating factor) (Harris, J.G. (283) 9)

**Ionic mechanism**

Catecholamine; Dopamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ouabain; Voltage clamp; Neuron; (Snail) (Emadudin, M. (283) 113)

**JO 1784 (igmesine hydrochloride)**

Cerebral ischemia; Hippocampus; Neuroprotection; Nitric oxide (NO) synthase; (Gerbil) (O'Neill, M. (283) 217)

**Jugular vein, guinea-pig**

Ketanserin; GR127935; Saphenous vein, rabbit; 5-HT<sub>1D</sub> receptor (Razzaque, Z. (283) 199)

**Jugular vein, rabbit**

Tachykinin; Tachykinin NK<sub>1</sub> receptor; Endothelium; Nitric oxide (NO) (Patacchini, R. (283) 233)

**K<sup>+</sup> channel**

Cromakalim; RP 49356; Myometrium; <sup>42</sup>K<sup>+</sup> efflux; <sup>86</sup>Rb<sup>+</sup> efflux (Piper, I.T. (283) 1)

**<sup>42</sup>K<sup>+</sup> efflux**

Cromakalim; RP 49356; Myometrium; <sup>86</sup>Rb<sup>+</sup> efflux; K<sup>+</sup> channel (Piper, I.T. (283) 1)

**Ketanserin**

GR127935; Saphenous vein, rabbit; Jugular vein, guinea-pig; 5-HT<sub>1D</sub> receptor (Razzaque, Z. (283) 199)

**Learning**

Histogranin; NMDA receptor; Passive avoidance; Memory; (Mouse) (Maurice, T. (283) 251)

**Lidocaine**

Coronary occlusion; Adenosine release; Reperfusion arrhythmia; Quinidine; Gallopamil (Bernauer, W. (283) 91)

**Lipocortin 1**

RU486; Interleukin-8; Adrenalectomy; PAF (platelet-activating factor) (Harris, J.G. (283) 9)

Neurogenic inflammation; Edema; Topical glucocorticoid (Ahluwalia, A. (283) 193)

**Local anesthetic**

Hippocampal neuron; Chloride ion; Patch-clamp technique; GABA ( $\gamma$ -aminobutyric acid); Glycine (Hara, M. (283) 83)

**Locus ceruleus**

Methamphetamine; Striatal dopamine; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzylamine) (Fornai, F. (283) 99)

**Memory**

Histogranin; NMDA receptor; Passive avoidance; Learning; (Mouse) (Maurice, T. (283) 251)

**Methamphetamine**

Locus ceruleus; Striatal dopamine; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzylamine) (Fornai, F. (283) 99)

**Microcirculation**

Nitric oxide (NO); Endotoxin;  $N^G$ -Nitro-L-arginine methyl ester;  $N^G$ -Monomethyl-L-arginine; Multiple organ failure; Sepsis (László, F. (283) 47)

**Microdialysis**

Ethanol withdrawal; NMDA receptor; GABA<sub>A</sub> receptor; Dizocilpine; Diazepam (Rossetti, Z.L. (283) 177)

 **$N^G$ -Monomethyl-L-arginine**

Nitric oxide (NO); Endotoxin; Microcirculation;  $N^G$ -Nitro-L-arginine methyl ester; Multiple organ failure; Sepsis (László, F. (283) 47)

**Morphine**

Acetylcholine release; Striatum; Nucleus accumbens; Opioid receptor; Sensitization (Tjon, G.H.K. (283) 169)

**Multiple organ failure**

Nitric oxide (NO); Endotoxin; Microcirculation;  $N^G$ -Nitro-L-arginine methyl ester;  $N^G$ -Monomethyl-L-arginine; Sepsis (László, F. (283) 47)

**Myenteric neuron**

5-HT<sub>3</sub> receptor; Enteric nervous system; Distal colon; YM060 {(–)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-enzimidazole monohydrochloride); (Guinea pig) (Ito, H. (283) 107)

**Myometrium**

Cromakalim; RP 49356; <sup>42</sup>K<sup>+</sup> efflux; <sup>86</sup>Rb<sup>+</sup> efflux; K<sup>+</sup> channel (Piper, I.T. (283) 1)

**Myometrium, human**

Prostanoid DP receptor; Prostaglandin D<sub>2</sub>; BW A868C; Smooth muscle (Fernandes, B. (283) 73)

**Neurogenic inflammation**

Lipocortin 1; Edema; Topical glucocorticoid (Ahluwalia, A. (283) 193)

**Neuron**

Catecholamine; Dopamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ouabain; Ionic mechanism; Voltage clamp; (Snail) (Emaduddin, M. (283) 113)

**Neuroprotection**

Cerebral ischemia; JO 1784 (igmesine hydrochloride); Hippocampus; Nitric oxide (NO) synthase; (Gerbil) (O'Neill, M. (283) 217)

**Neurotoxicity**

Fenfluramine; Appetite (McCann, U.D. (283) R5)

**Nitric oxide (NO)**

Endotoxin; Microcirculation; *N*<sup>G</sup>-Nitro-L-arginine methyl ester; *N*<sup>G</sup>-Monomethyl-L-arginine; Multiple organ failure; Sepsis (László, F. (283) 47)

*N*<sup>G</sup>-Nitro-L-arginine methyl ester; 5-HT (5-hydroxytryptamine, serotonin); Anorexia; Gastric emptying; Food intake (Hui, S.-C.G. (283) 141)

Tachykinin; Tachykinin NK<sub>1</sub> receptor; Endothelium; Jugular vein, rabbit (Patacchini, R. (283) 233)

Asthma; Cystic fibrosis; Inflammation; Cytokine (Belvisi, M. (283) 255)

**Nitric oxide (NO) synthase**

Cerebral ischemia; JO 1784 (igmesine hydrochloride); Hippocampus; Neuroprotection; (Gerbil) (O'Neill, M. (283) 217)

***N*<sup>G</sup>-Nitro-L-arginine methyl ester**

Nitric oxide (NO); Endotoxin; Microcirculation; *N*<sup>G</sup>-Monomethyl-L-arginine; Multiple organ failure; Sepsis (László, F. (283) 47)

Nitric oxide (NO); 5-HT (5-hydroxytryptamine, serotonin); Anorexia; Gastric emptying; Food intake (Hui, S.-C.G. (283) 141)

**NMDA receptor**

Toxicity; Antioxidant; Free radical; Cortical culture (Eshhar, N. (283) 19)

Ethanol withdrawal; GABA<sub>A</sub> receptor; Microdialysis; Dizocilpine; Diazepam (Rossetti, Z.L. (283) 177)

Adenosine A<sub>1</sub> receptor; Seizure; Alzheimer's disease; (Mouse) (Von Lubitz, D.K.J.E. (283) 185)

Histogranin; Passive avoidance; Learning; Memory; (Mouse) (Maurice, T. (283) 251)

**Nucleus accumbens**

Acetylcholine release; Striatum; Morphine; Opioid receptor; Sensitization (Tjon, G.H.K. (283) 169)

**Ontogeny**

Cocaine; SCH 23390; Sulpiride; Eticlopride (Pruitt, D.L. (283) 125)

**Opiate receptor**

Transgenic mouse; Superoxide dismutase; Antinociception; Genetics (Elmer, G.I. (283) 227)

**Opioid receptor**

Acetylcholine release; Striatum; Nucleus accumbens; Morphine; Sensitization (Tjon, G.H.K. (283) 169)

**Ouabain**

Catecholamine; Dopamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ionic mechanism; Voltage clamp; Neuron; (Snail) (Emaduddin, M. (283) 113)

**Pacing-induced heart failure**

Protein kinase C; Polymyxin B;  $\alpha$ -Adrenoceptor; Smooth muscle, vascular (Forster, C. (283) 241)

**PAF (platelet-activating factor)**

Lipocortin 1; RU486; Interleukin-8; Adrenalectomy (Harris, J.G. (283) 9)

**Passive avoidance**

Histogranin; NMDA receptor; Learning; Memory; (Mouse) (Maurice, T. (283) 251)

**Patch-clamp technique**

Local anesthetic; Hippocampal neuron; Chloride ion; GABA ( $\gamma$ -aminobutyric acid); Glycine (Hara, M. (283) 83)

**PET (positron emission tomography)**

5-HT<sub>1A</sub> receptor, human; [<sup>11</sup>C]WAY-100635 (Pike, V.W. (283) R1)

**Polymyxin B**

Pacing-induced heart failure; Protein kinase C;  $\alpha$ -Adrenoceptor; Smooth muscle, vascular (Forster, C. (283) 241)

**Prostaglandin D<sub>2</sub>**

Prostanoid DP receptor; Myometrium, human; BW A868C; Smooth muscle (Fernandes, B. (283) 73)

**Prostanoid DP receptor**

Myometrium, human; Prostaglandin D<sub>2</sub>; BW A868C; Smooth muscle (Fernandes, B. (283) 73)

**Protein kinase C**

Pacing-induced heart failure; Polymyxin B;  $\alpha$ -Adrenoceptor; Smooth muscle, vascular (Forster, C. (283) 241)

**Protein kinase inhibitor**

Catecholamine; Dopamine; Dopamine receptor, agonist, antagonist; Ouabain; Ionic mechanism; Voltage clamp; Neuron; (Snail) (Emaduddin, M. (283) 113)

**Quinidine**

Coronary occlusion; Adenosine release; Reperfusion arrhythmia; Lidocaine; Gallopamil (Bernauer, W. (283) 91)

**<sup>86</sup>Rb<sup>+</sup> efflux**

Cromakalim; RP 49356; Myometrium; <sup>42</sup>K<sup>+</sup> efflux; K<sup>+</sup> channel (Piper, I.T. (283) 1)

**Reperfusion arrhythmia**

Coronary occlusion; Adenosine release; Lidocaine; Quinidine; Gallopamil (Bernauer, W. (283) 91)

**RP 49356**

Cromakalim; Myometrium; <sup>42</sup>K<sup>+</sup> efflux; <sup>86</sup>Rb<sup>+</sup> efflux; K<sup>+</sup> channel (Piper, I.T. (283) 1)

**RU486**

Lipocortin 1; Interleukin-8; Adrenalectomy; PAF (platelet-activating factor) (Harris, J.G. (283) 9)

**Saphenous vein, rabbit**

Ketanserin; GR127935; Jugular vein, guinea-pig; 5-HT<sub>1D</sub> receptor (Razzaque, Z. (283) 199)

**SB 203220**

Angiotensin II; SK & F 108566; Angiotensin AT<sub>1</sub> receptor; (In vitro and in vivo pharmacology) (Aiyar, N. (283) 63)

**SCH 23390**

Cocaine; Sulpiride; Eticlopride; Ontogeny (Pruitt, D.L. (283) 125)

**Scopolamine**

Spatial learning; Hippocampus; Acetylcholine; 5-HT<sub>1A</sub> receptor; (S)-WAY 100135; Alzheimer disease; (Rat) (Carli, M. (283) 133)

**Seizure**

Adenosine A<sub>1</sub> receptor; NMDA receptor; Alzheimer's disease; (Mouse) (Von Lubitz, D.K.J.E. (283) 185)

**Sensitization**

Acetylcholine release; Striatum; Nucleus accumbens; Morphine; Opioid receptor (Tjon, G.H.K. (283) 169)

**Sepsis**

Nitric oxide (NO); Endotoxin; Microcirculation; *N*<sup>G</sup>-Nitro-L-arginine methyl ester; *N*<sup>G</sup>-Monomethyl-L-arginine; Multiple organ failure (László, F. (283) 47)

**SK & F 108566**

SB 203220; Angiotensin II; Angiotensin AT<sub>1</sub> receptor; (In vitro and in vivo pharmacology) (Aiyar, N. (283) 63)

**Skin, human**

Autoradiography; Bradykinin receptor (Schremmer-Danninger, E. (283) 207)

**Smooth muscle**

Prostanoid DP receptor; Myometrium, human; Prostaglandin D<sub>2</sub>; BW A868C (Fernandes, B. (283) 73)

**Smooth muscle, vascular**

Pacing-induced heart failure; Protein kinase C; Polymyxin B;  $\alpha$ -Adrenoceptor (Forster, C. (283) 241)

**Spatial learning**

Hippocampus; Acetylcholine; Scopolamine; 5-HT<sub>1A</sub> receptor; (S)-WAY 100135; Alzheimer disease; (Rat) (Carli, M. (283) 133)

**Striatal dopamine**

Locus ceruleus; Methamphetamine; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzylamine) (Fornai, F. (283) 99)

**Striatum**

Acetylcholine release; Nucleus accumbens; Morphine; Opioid receptor; Sensitization (Tjon, G.H.K. (283) 169)

**Sulpiride**

Cocaine; SCH 23390; Eticlopride; Ontogeny (Pruitt, D.L. (283) 125)

**Superoxide dismutase**

Transgenic mouse; Opiate receptor; Antinociception; Genetics (Elmer, G.I. (283) 227)

**Tachykinin**

Tachykinin NK<sub>1</sub> receptor; Endothelium; Nitric oxide (NO); Jugular vein, rabbit (Patacchini, R. (283) 233)

**Tachykinin NK<sub>1</sub> receptor**

Tachykinin; Endothelium; Nitric oxide (NO); Jugular vein, rabbit (Patacchini, R. (283) 233)

**Topical glucocorticoid**

Lipocortin I; Neurogenic inflammation; Edema (Ahluwalia, A. (283) 193)

**Toxicity**

Antioxidant; Free radical; NMDA receptor; Cortical culture (Eshhar, N. (283) 19)

**Transgenic mouse**

Superoxide dismutase; Opiate receptor; Antinociception; Genetics (Elmer, G.I. (283) 227)

**Voltage clamp**

Catecholamine; Dopamine; Dopamine receptor, agonist, antagonist; Protein kinase inhibitor; Ouabain; Ionic mechanism; Neuron; (Snail) (Emaduddin, M. (283) 113)

**(S)-WAY 100135**

Spatial learning; Hippocampus; Acetylcholine; Scopolamine; 5-HT<sub>1A</sub> receptor; Alzheimer disease; (Rat) (Carli, M. (283) 133)

**[<sup>11</sup>C]WAY-100635**

5-HT<sub>1A</sub> receptor, human; PET (positron emission tomography) (Pike, V.W. (283) R1)

**YM060 {(–)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-enzimidazole monohydrochloride}**

5-HT<sub>3</sub> receptor; Enteric nervous system; Myenteric neuron; Distal colon; (Guinea pig) (Ito, H. (283) 107)