

## キーワード一覧

演題申し込みのキーワード欄には、この表より3つ以内のキーワードを選択し、そのコード番号を記入して下さい。

<b>A</b>	052 androgen	105 aprotinin
001 absorption	053 anesthesia	106 arachidonic acid
002 acetylcholine	054 anesthetic	107 arginine
003 acetylcholinesterase	055 angiotensin	108 arrhythmia
004 acetyltransferase	056 angiotensin converting enzyme	109 artery
005 acidosis	057 angiotensin receptor	110 astrocyte
006 acquired immunodeficiency syndrome (AIDS)	058 angiotensinogen	111 astrocytoma cell
007 actin	059 anion channel	112 ATP
008 action potential	060 antacid	113 ATPase
009 active oxygen	061 antagonist	114 atrial natriuretic peptide (ANP)
010 adaptation	062 anthelmintic	115 autacid
011 addiction	063 antiallergic agent	116 autoimmunity
012 adenine	064 antianginal agent	117 automaticity
013 adenine nucleotide	065 antiarrhythmic agent	118 autonomic ganglion
014 adenosine	066 antiasthmatic agent	119 autonomic nervous system
015 adenosine receptor	067 antibiotic	120 autoradiography
016 adenylate cyclase	068 antibody	121 autoreceptor
017 adhesion	069 antibody-dependent cell cytotoxicity	122 avoidance
018 adipocyte	070 anticarcinogenic agent	123 axon
019 adipose tissue	071 anticholinergic agent	124 axonal transport
020 ADP-ribosylation	072 anticoagulant	<b>B</b>
021 adrenal cortical hormone	073 anticonflict	125 B-cell
022 adrenal gland	074 anticonvulsant	126 barbiturate
023 adrenaline (epinephrine)	075 antidepressant	127 baroreceptor
024 adrenergic alpha receptor	076 antidiabetic	128 basal ganglia
025 adrenergic beta receptor	077 antidiarrheal	129 basilar artery
026 adrenergic blocker	078 antidiuretic	130 basophil
027 adrenergic system	079 antidiuretic hormone (ADH)	131 behavior
028 adrenoceptor	080 antiemetic	132 benzodiazepine receptor
029 adrenocorticotrophic hormone (ACTH: corticotropin)	081 antifungal agent	133 benzodiazepine
030 affection (emotion)	082 antigen	134 bicarbonate ion
031 afferent nerve	083 antihyperlipidemic agent	135 bile
032 aggressive behavior	084 antihypertensive agent	136 bile acid
033 aging	085 antiinfective agent	137 binding assay
034 agonist	086 antiinflammatory agent	138 bioavailability
035 air pollution	087 antineoplastic agent	139 biogenic amine
036 airway	088 antioxidant	140 blood
037 albumin	089 antiparkinson agent	141 blood pressure
038 alcohol dehydrogenase	090 antipsychotic drug	142 blood-brain barrier
039 aldehyde dehydrogenase	091 antirheumatic agent	143 body temperature
040 aldose reductase	092 antisecretory agent	144 bone
041 alkaloid	093 antisense	145 bone marrow
042 allergy	094 antispasmodic	146 bone resorption
043 alveoli	095 antithrombin	147 bradykinin
044 ammonia	096 antithyroid agent	148 brain
045 amygdala	097 antitussive	149 brain stem
046 amylase	098 antiulcer agent	150 brain-derivative neurotrophic factor (BDNF)
047 amyloid	099 antiviral agent	151 bronchoconstrictor
048 amyloid beta-protein	100 anxiolytic	152 bronchodilator
049 analgesia	101 aorta	153 bronchus
050 analgesic	102 apolipoprotein	154 brown adipocyte
051 anaphylaxis	103 apoptosis	
	104 appetite	

- C**
- 155 C-peptide
  - 156 Ca<sup>2+</sup> ATPase
  - 157 Ca<sup>2+</sup> channel
  - 158 Ca<sup>2+</sup> current
  - 159 caffeine
  - 160 calcification
  - 161 calcitonin
  - 162 calcitonin gene related peptide (CGRP)
  - 163 calcium
  - 164 calcium ionophore
  - 165 calcium mobilization
  - 166 calcium oscillation
  - 167 calcium sensitivity
  - 168 calcium-binding protein
  - 169 calcium/calmodulin-dependent protein kinase
  - 170 calmodulin
  - 171 cancer
  - 172 cannabinoid
  - 173 capsaicin
  - 174 carbohydrate
  - 175 carbon dioxide
  - 176 carbon monoxide
  - 177 carboxylase
  - 178 cardiac conduction system
  - 179 cardiac glycoside
  - 180 cardiac muscle
  - 181 cardiac myocyte
  - 182 cardiotonic agent
  - 183 carotid artery
  - 184 carrageenin
  - 185 carrier protein
  - 186 catalase
  - 187 catalepsy
  - 188 catechol-*O*-methyltransferase (COMT)
  - 189 catecholamine
  - 190 cathepsin
  - 191 cation channel
  - 192 caudate nucleus
  - 193 cDNA
  - 194 cell adhesion
  - 195 cell aggregation
  - 196 cell cycle
  - 197 cell death
  - 198 cell growth
  - 199 cell injury
  - 200 cell interaction
  - 201 central nervous system
  - 202 centrally acting muscle relaxant
  - 203 cerebellum
  - 204 cerebral artery
  - 205 cerebral cortex
  - 206 cerebral ischemia
  - 207 cerebral metabolic enhancer
  - 208 cerebral vasodilating agent
  - 209 cerebrospinal fluid
  - 210 cerebrum
  - 211 chelating agent
  - 212 chemiluminescence
  - 213 chemoreceptor
  - 214 chemoreceptor trigger zone (CTZ)
  - 215 chemotactic factor
  - 216 chemotaxis
  - 217 chemotherapy
  - 218 Chinese medicine
  - 219 chloride
  - 220 cholecystokinin
  - 221 cholesterol
  - 222 choline
  - 223 choline acetyltransferase
  - 224 cholinergic fiber
  - 225 choroid plexus
  - 226 chromaffin cell
  - 227 chromosome
  - 228 circadian rhythm
  - 229 circular muscle
  - 230 Cl<sup>-</sup> channel
  - 231 Cl<sup>-</sup> pump
  - 232 Cl<sup>-</sup>-current
  - 233 clearance
  - 234 clinical study
  - 235 clinical trial
  - 236 cloning
  - 237 coagulant
  - 238 coagulo-fibrinolytic system
  - 239 coenzyme
  - 240 collagen
  - 241 colon
  - 242 colony-stimulating factor (CSF)
  - 243 complement
  - 244 conditioned behavior
  - 245 conditioned reflex
  - 246 conjunctiva
  - 247 contact hypersensitivity
  - 248 contractile protein
  - 249 convulsant
  - 250 coronary artery
  - 251 coronary circulation
  - 252 cough
  - 253 cross-talk
  - 254 culture
  - 255 cyclic ADP-ribose
  - 256 cyclic AMP
  - 257 cyclic AMP-dependent protein kinase
  - 258 cyclic GMP
  - 259 cyclic GMP-dependent protein kinase
  - 260 cyclooxygenase
  - 261 cytochrome P-450
  - 262 cytokine
  - 263 cytoprotection
  - 264 cytoskeleton
  - 265 cytosol
- D**
- 266 deficiency
  - 267 degeneration
  - 268 degranulation
  - 269 dehydrogenase
  - 270 delayed neuronal death
  - 271 delayed-type hypersensitivity
  - 272 dendrite
  - 273 dentate gyrus
  - 274 dependence
  - 275 depolarization
  - 276 depression
  - 277 desensitization
  - 278 detoxication
  - 279 diacylglycerol
  - 280 3,4-dihydroxyphenylacetic acid (DOPAC)
  - 281 discrimination
  - 282 disease
  - 283 distribution
  - 284 diuretic
  - 285 DNA
  - 286 DNA-binding protein
  - 287 dopamine
  - 288 dopamine receptor
  - 289 dopaminergic system
  - 290 dorsal root ganglion
  - 291 down-regulation
  - 292 drug delivery system (DDS)
  - 293 drug efficacy
  - 294 drug interaction
  - 295 drug monitoring
  - 296 duodenum
  - 297 dura mater
- E**
- 298 ear
  - 299 eicosanoid
  - 300 elastase
  - 301 electric spin resonance (ESR)
  - 302 electrical stimulation
  - 303 electrocardiography (ECG)
  - 304 electroencephalography (EEG)
  - 305 electron transport
  - 306 embryo
  - 307 endocardium
  - 308 endocrine gland
  - 309 endocrine system
  - 310 endogenous factor
  - 311 endometrium
  - 312 endopeptidase
  - 313 endoplasmic reticulum
  - 314 endothelial cell
  - 315 endothelin
  - 316 endothelium

**E (続き)**

317 endothelium-derived relaxation  
 318 endothelium-derived relaxing factor  
 319 endotoxin  
 320 energy metabolism  
 321 enterohepatic circulation  
 322 enzyme induction  
 323 eosinophil  
 324 epidermal growth factor  
 325 epithelium  
 326 erythroblast  
 327 erythrocyte  
 328 erythropoietin  
 329 esophagus  
 330 estrous cycle  
 331 excitatory amino acid  
 332 excitatory postsynaptic potential (EPSP)  
 333 excretion  
 334 exocytosis  
 335 expectorant  
 336 expression  
 337 extracellular matrix  
 338 extravasation  
 339 eye

**F**

340 fatty acid  
 341 feeding  
 342 femoral artery  
 343 fetus  
 344 fibrinogen (factor I)  
 345 fibrinolytic agent  
 346 fibroblast  
 347 fibroblast growth factor  
 348 foam cell  
 349 follicle-stimulating hormone (FSH)  
 350 forced swimming  
 351 forebrain  
 352 free radical  
 353 free radical scavenger

**G**

354 GABA receptor  
 355 GABAergic system  
 356 gamma-aminobutyric acid (GABA)  
 357 gap junction  
 358 gastric acid  
 359 gastric gland  
 360 gastric mucin  
 361 gastric mucosa  
 362 gastric parietal cell  
 363 gastrin

364 gastrin receptor  
 365 gastrointestinal hormone  
 366 gelsolin  
 367 gene  
 368 gene expression  
 369 gene mapping  
 370 gerbil  
 371 gingiva  
 372 glial cell  
 373 glioma cell  
 374 globulin  
 375 glomerulus  
 376 glucagon  
 377 glucocorticoid  
 378 glucosamine  
 379 glucose  
 380 glucose-sodium transport system  
 381 glucuronyltransferase  
 382 glutamic acid  
 383 glutamic acid receptor  
 384 glutamine  
 385 glutamyltransferase  
 386 glutathione  
 387 glutathione S-transferase  
 388 glycine  
 389 glycolysis  
 390 glycoprotein  
 391 Golgi apparatus  
 392 gonadotropin  
 393 gonadotropin-releasing hormone  
 394 growth  
 395 growth factor receptor  
 396 GTP-binding protein (G-protein)  
 397 GTPase  
 398 GTPase activating protein (GAP)  
 399 guanylate cyclase

**H**

400 hair  
 401 heart  
 402 heart atrium  
 403 heart rate  
 404 heart ventricle  
 405 heat-shock protein  
 406 heavy metal  
 407 hemodynamics  
 408 hemostasis  
 409 heparin  
 410 hepatic first-pass effect  
 411 hepatocyte  
 412 herbal medicine  
 413 hippocampus  
 414 histamine  
 415 histamine receptor  
 416 histaminergic system

417 histidine decarboxylase  
 418 HMG CoA reductase  
 419 homovanillic acid (HVA)  
 420 hydrogen peroxide  
 421 hydrolase  
 422  $\gamma$ -hydroxybutyric acid  
 423 hyperactivity  
 424 hypercholesterolemia  
 425 hyperglycemia  
 426 hyperlipoproteinemia  
 427 hyperpolarization  
 428 hypersensitivity  
 429 hypertension  
 430 hypertrophy  
 431 hypnotic  
 432 hypotension  
 433 hypothalamus  
 434 hypoxia

**I**

435 ileum  
 436 immune system  
 437 immune tolerance  
 438 immunodeficiency  
 439 immunoglobulin  
 440 immunomodulatory agent  
 441 immunoreactivity  
 442 immunosuppressive agent  
 443 immunosuppression  
 444 influx  
 445 informed consent  
 446 inhibition  
 447 inhibitor  
 448 inhibitory neurotransmitter  
 449 inhibitory postsynaptic potential (IPSP)  
 450 inositol 1,4,5-triphosphate (IP<sub>3</sub>)  
 451 inositol phosphate  
 452 inotropic agent  
 453 insulin  
 454 insulin receptor  
 455 insulin-like growth factor  
 456 integrin  
 457 interferon  
 458 interleukin  
 459 intestine  
 460 intracellular localization  
 461 intracellular pH  
 462 inverse agonist  
 463 inward current  
 464 ion channel  
 465 ion exchange  
 466 ion influx  
 467 iontophoresis  
 468 IP<sub>3</sub> receptor  
 469 iris  
 470 iron  
 471 ischemia

<b>I (続き)</b>		
472	ischemia-reperfusion injury	
473	isozyme	
474	itching	
<b>K</b>		
475	K <sup>+</sup> channel	
476	K <sup>+</sup> -channel opener	
477	K <sup>+</sup> -current	
478	kallikrein	
479	kidney	
480	kidney cortex	
481	kinase	
482	kinin	
483	kininase	
484	kininogen	
<b>L</b>		
485	LDL lipoprotein	
486	learning	
487	lectin	
488	leukocyte	
489	leukotriene	
490	life span	
491	limbic system	
492	lipase	
493	lipid	
494	lipid metabolism	
495	lipid peroxidation	
496	lipolysis	
497	lipopolysaccharide	
498	lipoprotein	
499	lipoprotein lipase	
500	liposome	
501	lipoxygenase	
502	lithium	
503	liver	
504	locomotor activity	
505	locus coeruleus	
506	long-term potentiation	
507	longitudinal muscle	
508	loop of Henle	
509	low molecular weight GTP-binding protein	
510	lung	
511	luteinizing hormone (LH)	
512	lymphocyte	
513	lymphokine	
514	lysolecithin	
515	lysophospholipase	
516	lysophospholipid	
<b>M</b>		
517	macrophage	
518	magnesium	
519	mammary gland	
520	mast cell	
521	mast cell degranulating peptide	
522	maze	
523	mechanoreceptor	
524	medial septum	
525	medical ethics	
526	medulla oblongata	
527	megakaryocyte	
528	melanin	
529	melanocyte	
530	membrane fusion	
531	memory	
532	mesangium	
533	mesencephalon	
534	mesenteric artery	
535	metabolism	
536	metabotropic glutamic acid receptor	
537	metabotropic receptor	
538	metal	
539	metallothionein	
540	methamphetamine	
541	methicillin resistance	
542	Mg <sup>2+</sup> -ATPase	
543	microcirculation	
544	microdialysis	
545	microglia	
546	microinjection	
547	microsomal drug-metabolizing system	
548	microsome	
549	microtubule-associated protein (MAP)	
550	microtubule-associated protein kinase	
551	micturition	
552	mitochondria	
553	mitogen	
554	monoamine	
555	monoamine oxidase (MAO)	
556	monoclonal antibody	
557	monocrotaline	
558	monocyte	
559	mood stabilizer	
560	morphine	
561	motion	
562	motor neuron	
563	mRNA	
564	mucin	
565	mucous membrane	
566	mucus	
567	muricide	
568	muscarinic receptor	
569	muscle	
570	muscle cell	
571	mutagenesis	
572	mutant mouse	
573	mutation	
574	myelin	
575	myelin basic protein	
576	myeloperoxidase	
577	myocyte	
578	myofibril	
579	myosin	
580	myosin light chain kinase	
<b>N</b>		
581	N-methyl-D-aspartate (NMDA)	
582	N-methyl-D-aspartate (NMDA) receptor	
583	Na <sup>+</sup> -H <sup>+</sup> exchange	
584	Na <sup>+</sup> -K <sup>+</sup> ATPase	
585	neocortex	
586	neonate	
587	neoplasm	
588	nerve ending	
589	nerve growth factor	
590	neurite	
591	neurite outgrowth	
592	neurite outgrowth factor	
593	neuroblastoma cell	
594	neurodegeneration	
595	neuroeffector junction	
596	neuroendocrine system	
597	neurokinin	
598	neuromodulator	
599	neuromuscular blocking agent	
600	neuromuscular junction	
601	neuron	
602	neuronal death	
603	neuronal plasticity	
604	neuropeptidase	
605	neuropeptide	
606	neuropeptide Y	
607	neurosteroid	
608	neurotensin	
609	neurotoxin	
610	neurotransmitter	
611	neurotransmitter turnover	
612	neurotransmitter uptake inhibitor	
613	neutrophil	
614	nicotine	
615	nicotinic receptor	
616	Nissl body	
617	nitric oxide (NO)	
618	nitric oxide synthase	
619	nitroglycerin	
620	nociception	
621	non-adrenergic non-cholinergic (NANC) inhibitory nerve	
622	non-NMDA receptor	
623	non-steroidal antiinflammatory agent	
624	nootropic agent	

**N (続き)**

625 noradrenaline  
(norepinephrine)  
626 nose  
627 nuclear magnetic resonance  
(NMR)  
628 nucleus accumbens  
629 nucleus tractus solitarius

**O**

630 oncogene  
631 oncogene protein  
632 oocyte  
633 operant behavior  
634 opioid  
635 opioid receptor  
636 organ culture  
637 organ specificity  
638 ornithine decarboxylase  
639 osmoregulation  
640 osmosis  
641 osteoblast  
642 osteoclast  
643 ovalbumin  
644 ovary  
645 oxidase  
646 oxidation  
647 oxygen  
648 oxytocin

**P**

649 pacemaker  
650 pain  
651 pancreas  
652 pancreatic beta cell  
653 pancreatic hormone  
654 pancreatic secretion  
655 pancreozymin  
656 panic disorder  
657 paraganglion  
658 parathyroid hormone  
659 parenchymal cell  
660 parkinsonism  
661 partial agonist  
662 patch clamp  
663 PC12 cell  
664 pepsin  
665 peptidase  
666 peptide  
667 perfusion  
668 peripheral nervous system  
669 peristalsis  
670 peritoneal cavity  
671 permeability  
672 peroxidation  
673 phagocytosis  
674 pharmacogenetics

675 pharmacokinetics  
676 pharynx  
677 phenobarbital  
678 phenotype  
679 pheochromocytoma cell  
680 phorbol ester  
681 phosphatase  
682 phosphatidylcholine  
683 phosphatidylinositide  
684 phosphatidylinositol kinase  
685 phosphodiesterase  
686 phospholipase  
687 phospholipid  
688 phosphorylation  
689 PI turnover  
690 pigment epithelial cell  
691 pineal body  
692 pituitary gland  
693 pituitary hormone  
694 pituitary hormone-releasing  
hormone  
695 placebo  
696 placenta  
697 plasma  
698 plasmin  
699 platelet  
700 platelet activating factor  
(PAF)  
701 platelet-derived growth  
factor  
702 pleura  
703 polyamine  
704 polymerase  
705 polymorphism  
706 portal system  
707 portal vein  
708 positron emission  
tomography (PET)  
709 postganglionic fiber  
710 pregnancy  
711 presynaptic receptor  
712 presynaptic terminal  
713 primary culture  
714 prodrug  
715 prolactin  
716 proliferation  
717 prostacyclin  
718 prostaglandin  
719 prostaglandin receptor  
720 prostanoid  
721 prostate  
722 protease  
723 protection  
724 protein  
725 protein kinase  
726 protein synthesis inhibitor  
727 proto-oncogene  
728 proton pump  
729 psychotomimetic  
730 psychotropic agent

731 pulmonary surfactant  
732 purinergic system  
733 purinoceptor  
734 Purkinje cell  
735 pyramidal cell

**R**

736 radical  
737 receptor  
738 receptor internalization  
739 recombinant DNA  
740 red nucleus  
741 regeneration  
742 relaxation  
743 release  
744 renal function  
745 renal tubular transport  
746 renin  
747 renin-angiotensin system  
748 reperfusion  
749 reproduction  
750 resensitization  
751 resistance  
752 respiration  
753 respiratory center  
754 respiratory system  
755 resting membrane potential  
756 retention  
757 reticular formation  
758 reticuloendothelial system  
759 retina  
760 reverse tolerance  
761 rhythmicity  
762 RNA  
763 ryanodine  
764 ryanodine receptor

**S**

765 S-100 protein  
766 saliva  
767 salivary gland  
768 sarcolemma  
769 sarcoplasmic reticulum  
770 second messenger  
771 secretagogue  
772 secretin  
773 secretion  
774 secretory granule  
775 senescence-accelerated  
mouse (SAM)  
776 sensitization  
777 sensory neuron  
778 septal nucleus  
779 serotonergic system  
780 serotonin  
(5-hydroxytryptamine)  
781 serotonin receptor  
782 Sertoli cell

783	serum	836	sympatholytic	886	tumor promotor
784	serum-free culture medium	837	synapse	887	tyrosine hydroxylase
785	sex difference	838	synapsin	888	tyrosine kinase
786	sex hormone	839	synaptic membrane	889	tyrosine phosphatase
787	shock	840	synaptic transmission		
788	sigma receptor	841	synaptic vesicle	<b>U</b>	
789	signal transduction	842	synaptosome		
790	skeletal muscle	843	synergism	890	unsaturated fatty acid
791	skin	844	synovial membrane	891	uptake inhibitor
792	skin reaction			892	uptake system
793	skinned fiber	<b>T</b>		893	ureter
794	slow-reacting substance			894	uric acid
795	smoking	845	T-cell	895	uricosuric agent
796	smooth muscle	846	tachykinin	896	urinary bladder
797	snake venom	847	tachyphylaxis	897	urinary tract
798	sodium channel	848	taenia caecum	898	urine
799	somatostatin	849	tau protein	899	uterus
800	spasm	850	tegmental area		
801	spatial cognition	851	tegmentum mesencephali	<b>V</b>	
802	species difference	852	teratogen		
803	sperm	853	teratogenicity	900	vagus nerve
804	sphingolipid	854	tetrahydrobiopterin	901	vas deferens
805	sphingosine	855	tetrodotoxin (TTX)	902	vascular bed
806	spinal cord	856	thrombin	903	vascular endothelial cell
807	spinothalamic tract	857	thrombolytic	904	vascular permeability
808	splanchnic nerve	858	thromboxane	905	vascular smooth muscle
809	spleen	859	thromboxane receptor	906	vasoactive intestinal peptide (VIP)
810	spontaneous activity	860	thymocyte	907	vasoconstrictor
811	spontaneously hypertensive rat (SHR)	861	thymus	908	vasodilator
812	stereospecificity	862	thyroid gland	909	vasomotor system
813	stereotyped behavior	863	thyroid hormone	910	vasopressin
814	steroid hormone	864	thyroid-stimulating hormone (thyrotropin: TSH)	911	vein
815	steroid hormone receptor	865	thyrotropin receptor	912	vena cava
816	stomach	866	thyrotropin-releasing hormone (protirelin)	913	vestibular nucleus
817	streptozotocin	867	tolerance	914	virus
818	stress	868	toxicity	915	visual cortex
819	striatum	869	toxin	916	vitamin
820	stroke-prone SHR (SHR-SP)	870	trachea	917	voltage clamp
821	structure-activity relationship	871	transcription	918	vomiting
822	submucosal plexus	872	transcription factor	919	vomiting center
823	substance P	873	transducin	<b>W</b>	
824	substantia nigra	874	transforming growth factor		
825	subtype	875	transgenic animal	920	water-electrolyte balance
826	subunit	876	translation	921	whole cell recording
827	sulfhydryl reagent	877	transplantation	922	withdrawal syndrome
828	sulfonamide	878	transport		
829	superoxide	879	transporter	<b>X</b>	
830	superoxide dismutase	880	tricyclic antidepressant		
831	supersensitivity	881	trigeminal nucleus	923	xanthine derivative
832	suprachiasmatic nucleus	882	triglyceride	924	xanthine oxidase
833	surfactant	883	trypsin	925	<i>Xenopus</i> oocyte
834	swelling	884	tumor marker	926	xerostomia
835	sympathetic nervous system	885	tumor necrosis factor (TNF)		