

5. 研究のキーワード

解剖学第一講座 (Anatomy I)

キ ー ワ ー ド	業 績 の 番 号
cerebrospinal fluid	
Gene therapy	
hagfish	
hypophysis	
HTLV-1	
Iodide transporter	
optic tectum	
Parathyroid hormone-related peptide (PTHrP)	
pituitary adenocarcinoma cell line	
rat	
Saccus vasculosus	
skate	

解剖学第二講座 (Anatomy II)

キ ー ワ ー ド	業 績 の 番 号
Blood vessel	A-a-1
Bone	
Comparative anatomy	
Gross anatomy	A-a-1
Human body	
Human skeletal remains	
Mongoloid	
Muscle	A-a-1
Nonmetrical traits	
Origin of Japanese	
Peripheral nerves	
Physical anthropology	
Variation	

解剖学第三講座 (Anatomy III)

キ　ー　ワ　ー　ド	業　績　の　番　号
androgen receptor	A-a-1
apoptosis	A-a-4, 5, 6, A-c-2
backscattered electron microscopy	
digoxigenin-labeled DNA probe	
endocrine	
estrogen receptor	A-a-1
Fas	A-a-5, 6, 11
Fas ligand	A-a-6, 11
germ cells	
immunohistochemistry	A-a-1, 9
in situ nick translation	
ischemia-reperfusion	
keratinocyte growth factor	
kidney	A-a-2, 3, 7, 8, 12
multilayer peroxidase-labeled antibody method	
non-radioactive in situ hybridization	A-a-1, 2, 3, 9, 10
polarizing reflected light confocal laser scanning microscopy (PRCLSM)	
southwestern histochemistry	A-c-2
thymine-thymine dimerized DNA probe	
vascular endothelial growth factor (VEGF)	

生理学第一講座 (Physiology I)

キ　ー　ワ　ー　ド	業　績　の　番　号
ACTH	A-c-1
Adrenal glands	A-c-1
Angiotensin II	A-c-2
apoptosis	A-a-2
core temperature	A-c-3
cortisol	A-c-1
Fas	A-a-2
G-protein	A-c-1
heart rate	A-c-3
osteoblasts	A-a-1, 2
osteocalcin	A-a-1
osteomalacia	A-a-1
platelet-activating factor (PAF)	A-c-1
radiometry	A-c-3
restraint stress	A-c-3

生理学第二講座 (Physiology II)

キ ー ワ ー ド	業 績 の 番 号
Basal ganglia	A-a-2
Epilepsy	A-a-1

生化学講座 (Biochemistry)

キ ー ワ ー ド	業 績 の 番 号
actin	A-a-2
actomyosin	A-a-2
amino acid sequence	A-a-2
calcium binding proteins	
cardiac muscle	A-a-2
DNA binding protein	A-a-1
energy transduction	
methylation	
molecular evolution	
muscle contraction	A-a-2
myosin	A-a-2
post translational modification	
skeletal muscle	A-a-2
smooth muscle	
protein structure	A-a-1, 2

薬理学 (第一) 講座 (Pharmacology I)

キ ー ワ ー ド	業 績 の 番 号
Receptors	A-a-1~8, A-b-1
Endothelins	A-a-1~5, 7
Catecholamines	
Spontaneously hypertensive rats	A-a-3
Neuronal death	A-a-3, 4, 6
Nitric oxide	A-a-3, 5
Glial cells	A-a-3~6
Biologically active peptides	A-a-6
Blood-brain barrier	
Quantitative receptor imaging system	A-a-1~4, 6~8
Thyroid	A-a-10~13, A-c-1

薬理学（第二）講座（Pharmacology II）

キ　ー　ワ　ー　ド	業　績　の　番　号
Amines (Acetylcholine, Catecholamines, Serotonin)	A-a-5, 7
Amino acids (GABA, glutamate)	
Cardiovascular pharmacology	A-a-8, 9
Central nervous system	A-a-1, 2, 3, 4, 5
Cytokines	
Endothelins	A-a-1, 2, 3, 4, 5, 6
Gastrointestine	A-a-6, 7
Glia	A-a-3, 4, 6
Intracellular signal transduction	A-a-8
Ion channels	A-a-8, 9
Ischemic neural degeneration	A-a-3
Nitric oxide	A-a-3, 5
Patch clamp	A-a-8
Peptides	A-a-1, 2, 3, 4, 5, 6
Quantitative receptor autoradiography	A-a-1, 2, 3, 4, 5, 6
Receptors	A-a-1, 2, 3, 4, 6, 7
Release	A-a-5, 7
Single cardiac myocyte	A-a-8
Spontaneously hypertensive rat	A-a-3
Xenopus oocytes	

病理学第一講座（Pathology I）

キ　ー　ワ　ー　ド	業　績　の　番　号
Aging	A-a-1~3, 7, 8
Cell death	A-a-8
Cell differentiation	
Cell Proliferation	A-a-3, 7
Congenital heart disease	
Dietary Restriction	A-a-1~3, 7, 8
DNA damage	
Morphogenesis	
Morphology	
Neuroendocrinology	A-a-1, 7
Hepatology	A-a-3, 8
Cancer	
Epidemiology	A-a-4, 5, 9, 11
Surgical Pathology	A-a-6, 9, 10

病理学第二講座 (Anatomy II)

キ　ー　ワ　ー　ド	業　績　の　番　号
Collagen	A-a-1, 2, 7
Diagnostic cytopathology	
Endothelin	A-a-8, 9, 11, 13
Extracellular matrix	A-a-1, 2, 7
Glomerulonephritis	A-a-2, 4, 6
HSP47	A-a-2
Hypertensive nephrosclerosis	
IgA nephropathy	
In situ hybridization	A-a-2, 7
In vitro receptor autoradiography	
Latent carcinoma	
Mesangial cell	
Neuropeptide	A-a-8, 9, 13
Prion	A-a-10
Renal pathology	A-a-3, 4, 5, 7
Receptor	A-a-8, 9, 11, 13
Surgical pathology	A-a-1
Thyroid	A-a-12
Tubulointerstitial damage	A-a-7

細菌学講座 (Bacteriology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Adult T-cell leukemia (ATL)	A-a-2
AIDS	
Chlamydial infection	
Human Immunodeficiency virus type 1 (HIV-1)	
Human T-lymphotropic virus tupe 1 (HTLV-1)	A-a-2, A-b-1
HTLV-associated myelopathy (HAM)	
Epidemiology	A-b-1
Mother-to-child infection	A-b-1
Neuronal cell death	
Prion (Prion protein)	A-a-1
Prion diseases	A-a-1
Sexually transmitted disease (STD)	
Viral oncogenesis	

衛生学講座 (Preventive Medicine & Health Promotion)

キ ー ワ ー ド	業 績 の 番 号
Cadmium	A-a-1
Community health	
Environmental health	A-a-1
Environmental pollution	A-a-1, 2
Epidemiology	A-a-1, 2
Health education	
HTLV-I	
Nutrition	
Occupational medicine	
Radiation effect	A-a-2
Renal tubular function	

公衆衛生学講座 (Public Health)

キ ー ワ ー ド	業 績 の 番 号
Human ecology	A-a-1
Mental health	A-a-2, 3
Health education	
Health policy	
Occupational health	
International health	
Environmental health	
Community health	
Demography	
Osteoporosis	

医動物学講座 (Medical Zoology & Immunology)

キ　ー　ワ　ー　ド	業　績　の　番　号
anergy	
antigen presentation	A-a-4
antigenic peptide	A-a-4
apoptosis	
cancer immunity	A-a-4
cell cycle	A-a-2, 3
cytotoxic T lymphocytes (CTL)	A-a-4
heat shock protein	A-a-1, 4
infection	A-a-1
major histocompatibility complex (MHC)	A-a-4
malaria	
molecular chaperone	A-a-1, 4
p53	A-a-2
protein kinase C	A-a-3
senescence	A-a-2, 3
T cell receptor	
immunological tolerance	
<i>Toxoplasma gondii</i>	
transgenic mice	A-a-3

法医学講座 (Forensic Medicine)

キ ー ワ ー ド	業 績 の 番 号
Blood group	A-a-1
Cause of death	A-a-2
DNA profiling	
Electrophoresis	A-a-1
Forensic anthropology	
Forensic autopsy	A-a-2
Forensic hemogenetics	
Forensic immunology	
Forensic pathology	A-a-2
Forensic science	A-a-3
Forensic serology	A-a-1
Human identification	A-a-3
Immunohistochemistry	A-a-2
Immunonizing	
Medico-legal expert opinion	
Paternity testing	
Polmerse chain reaction (PCR)	
Postmortem examination	A-a-2

腫瘍医学講座 (Oncology)

キ ー ワ ー ド	業 績 の 番 号
RNA polymerase	A-a-8, 9
Interferon	A-a-1, 2, 3, 4, 5
Transcription	A-a-1, 2, 3, 4, 5, 7, 8, 9
leukemia	A-a-6

原爆後障害医療研究施設 放射線障害解析部門 病態分子解析研究分野

(Atomic Bomb Disease Institute Radiation Effect Research Unit, Department of Molecular Pathology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Atomic bomb	
Autonomic nervous system	
Chernobyl	A-a-4
Dopamine	A-a-7
Est-1	
G. I. tract	A-a-2
Motility	
Pathology	
PTHrP	A-a-1, 3
Radiation effect	A-a-5
Radiation-induced colitis	A-a-8, B-a-1
Smooth muscle cell	
Spontaneously hypertensive rats	A-a-5, 8
Stomach	A-a-6, 10
Ulcer	
IGF-1	A-a-9
Ulcerative colitis	

原爆後障害医療研究施設 放射線障害解析部門 放射線応答解析研究分野

(Atomic Bomb Disease Institute Radiation Effect Research Unit, Department of Radiation Biophysics)

キ　ー　ワ　ー　ド	業　績　の　番　号
Atomic bomb	A-c-1
Space	A-a-3
Heat-shock protein	A-a-1, 2

原爆後障害医療研究施設 放射線障害解析部門 分子情報制御研究分野

(Atomic Bomb Disease Institute Radiation Effect Research Unit, Biochemistry and Molecular Biology in Disease)

キ ー ワ ー ド	業 績 の 番 号
Antioxidant	A-a-3
Enzyme structure	
Gene expression	A-a-4
Gene structure	A-a-4
γ -Glutamylcysteine synthetase(γ -GCS)	A-a-3
Glutathione	A-a-3
Multi-drug resistance	A-a-3
Nitric oxide synthase	
2-Oxoglutarate dehydrogenase complex	A-a-4
Reactive oxygen species	A-a-3
Redox cycle	
Ribozyme	
Pyruvate dehydrogenase complex	
Superoxide dismutase	

原爆後障害医療研究施設 放射線障害解析部門 放射線疫学研究分野

(Atomic Bomb Disease Institute Department of Radiation Epidemiology)

キ ー ワ ー ド	業 績 の 番 号
Atomic Bomb Survivors	
Biostatistics	A-a-1
Epidemiology	A-a-1
Public Health	A-a-1
Radiation dose	

原爆後障害医療研究施設 分子医療部門 変異遺伝子解析研究分野

(Atomic Bomb Disease Institute Molecular Medicine Unit, Department of Human Genetics)

キ ー ワ ー ド	業 績 の 番 号
Human genome project	A-a-1, 3, 4, 6, 7, 8, 9, 10, 13
Genomic imprinting	A-a-2, 5, 12; A-b-1
Gene mapping	A-a-1, 2, 6, 7, 8, 10, 13; A-d-1
Positional cloning	A-a-1, 3, 7, 8, 10, 13; A-d-1
Genetic disease	A-a-1, 3, 5, 8, 10, 11, 12, 13
Congenital malformation	A-a-1, 3, 4, 5, 8, 10, 11, 12, 13
Gene	A-a-1-12

原爆後障害医療研究施設 分子医療部門 分子診断研究分野

(Atomic Bomb Disease Institute Molecular Medicine Unit, Department of Nature Medicine)

キ ー ワ ー ド	業 績 の 番 号
Animal experiment	A-a-4, 9
Anti-oncogene and oncogene	A-a-4
Bone and Chondrocyte	A-a-6, 9
Chernobyl	A-a-1, 8
Congenital erythropoietic porphyria (CEP)	A-a-2
Endocrine Disease	A-a-3
Gene therapy	A-a-12
Parathyroid hormone-related peptide (PTHrP)	A-a-5, 6, 7
Radiation	A-a-1, 4
Thyroid	A-a-1, 4, 8, 11, 12,
Cell Biology	A-a-10

原爆後障害医療研究施設 分子医療部門 分子治療研究分野

(Atomic Bomb Disease Institute, Molecular Medicine Unit, Department of Hematology)

キ ー ワ ー ド	業 績 の 番 号
acute promyelocytic leukemia	A-a-9
ALL	
AML	A-a-7, 8, 10, 13
anemia	
aplastic anemia	A-a-12
apoptosis	A-a-13
ATL	A-a-2, 3, 4, 20
Atomic bomb	A-a-18
Atypical leukemia	
bleeding tendency	
BMT	
CD8 β	A-a-20
chronic lymphoid leukemia	A-a-17
CML	
CMMoL	
Dysmegakaryopoiesis	
erythropoietin	A-a-10, 11
Fas/CD95	A-a-2, 5, 15, 16, 17, 19
FLT3	A-a-9
gene therapy	A-a-5
hemophagocytic syndrome	A-a-1
HTLV-I	A-a-4
Hypoplastic leukemia	
interferon	
leukocytosis	
leukopenia	
magnetic resonance imaging	A-a-12, 14
mixed leukemia	
Monocytosis	
myelodysplastic syndrome	A-a-12
non-Hodgkin's lymphoma	A-a-3, 19
p15	A-a-16
p16	A-a-16
p18	A-a-19
pancytopenia	
polycythemia	
protein kinase C	A-a-11
splenomegaly	
t(8;21)	A-a-7
TLD	

原爆後障害医療研究施設 国際放射線保健分門
(Department of International Health and Radiation Research)

キ ー ワ ー ド	業 績 の 番 号
Chernobyl and Semipalatinsk	
Combined Pituitary Hormone Deficiency (CPHD)	
Congenital hereditary disease	A-a-1
International Health and Radiation Research	A-a-2
Molecular diagnosis	A-a-1

原爆後障害医療研究施設 資料収集保存部 資料調査室
(Atomic Bomb Disease Institute Division of Scientific Data Registry, Biostatistics Section)

キ ー ワ ー ド	業 績 の 番 号
Acute myeloid leukemia	A-a-1
ATL	A-a-2
Atomic Bomb Survivors	
Life style	
Mortality	
Public Health	
Radiation dose	

原爆後障害医療研究施設 資料収集保存部 生体材料保存室
(Atomic Bomb Disease Institute Division of Scientific Data Registry, Tissue and Histopathology Section, Division of Scientific Data Registry)

キ ー ワ ー ド	業 績 の 番 号
Ageing	A-a-1, 2, 3
Neuropathology	A-a-1, 2, 3
SAM	A-a-1, 2, 3
Synapse	A-a-3
Mental retardation	A-a-3
Surgical pathology	
General pathology	

動物実験施設 (Laboratory Animal Center for Biomedical Research)

キ ー ワ ー ド	業 績 の 番 号
Cell biology	A-a-1
Experimental animals	A-a-2
Immunohistochemistry	A-a-1
Molecular diagnosis	A-a-1
Transgenic animals	
Viral diseases	A-a-1
Virus	A-a-1
Zoonoses	

内科学第一講座 (First Department of Internal Medicine)

キ　ー　ワ　ー　ド	業　績　の　番　号
Adhesion Molecule	A-a-33, 36
Amyloidosis	A-a-2
Apoptosis	A-a-16, 20, 21, 22, 26, 29, 31, A-c-5
Autoimmune Thyroid Disease	A-a-1, 16, 24
Chernobyl	A-a-3, 6, A-c-9, 11, 12
Cyclooxygenase	
Cytokine	A-a-33
Diabetes Mellitus (DM)	A-a-48, A-b-1
Embryo Culture	A-a-41, A-c-1
Free Radical	A-a-38, 41
Gene Therapy	A-a-12
Glia	
Glutamic Acid Decarboxylase (GAD)	A-a-42
Growth Factor	A-a-9, 10, 25, 32
Hepatic Regeneration	
Hepatitis B Virus	A-a-13
Hepatitis C Virus	
Hepatocellular Carcinoma (HCC)	A-a-9
HTLV-1 Associated Myelopathy (HAM)	A-a-32, 33, 36, 37, 38
Human T-cell Lymphotropic Virus-I (HTLV-I)	A-a-23
Insulin Dependent Diabetes Mellitus (IDDM)	A-a-43, 44
Insulin Receptor	
Insulin gene	
Interferon	
Iodine	A-a-1
Islet Cell Antibodies (ICA)	A-a-43, 44
Lambert-Eaton Myasthenic Syndrome	A-a-39
Leptin	
Liver Cirrhosis (LC)	
Malignant Exophthalmos	
Matrix metalloproteinase	A-a-17, 18
Metabolic Bone Disease	A-a-4
Myasthenia Gravis	
Neuroimmunology	A-a-39, 40
Neurovirology	A-a-36, 37, 38
Non-Insulin Dependent Diabetes Mellitus	A-a-46, 47, A-c-2
Oncogene	A-a-5, 11, A-c-10
Osteoporosis	A-a-20

キ　ー　ワ　ー　ド	業　績　の　番　号
Paraneoplastic Neurological Syndrome	A-a-40
Parathyroid	
Parathyroid Hormone-Related Protein (PTH-rP)	A-a-4
Pituitary	A-a-8
Pregnancy	A-a-41
Prion Disease	
Radiation	A-a-3
Redox	A-c-1
Rheumatic Disease	A-a-15, 19, 21, 23
Rheumatoid Arthritis (RA)	A-a-19, 21
Signal Transduction	A-a-25
Sjögren's Syndrome	A-a-15, 23, 26, A-c-7
Superantigen	A-a-18
Thyroid Cancer	A-a-5, 12, A-c-10, 11
Thyroid Hormone Receptor	A-a-7, 24
Thyroid Peroxidase (TPO)	
TSH Receptor	A-a-27
Tumor Marker	
Vitamin D	

内科学第二講座 (Second Department of Internal Medicine)

キ　ー　ワ　ー　ド	業　績　の　番　号
Allergy	A-c-1
Anticancer drug	A-a-4, 6, 20, 28, 40, 41, 42, 45, 56, A-b-4, 5
Apoptosis	A-a-18,19,54
Autoimmune hepatitis	
Bacterial infection	A-a-5, 9, 11, 12, 26, 27, 50, 52, 57, 61, 62, 63 A-b-1
Bronchial asthma	A-a-32
Bronchial hyperresponsiveness	
Bronchoalveolar lavage	A-a-5, 15, 21, 37, 52, 61
Cancer	A-a-3, 4, 6, 16, 20, 22, 28, 29, 38, 40, 41, 42, 45, 47, 51, 56, A-b-4, 5
Cardiomyopathy	
Cell biology	A-a-4, 20, 40, 41, 47, A-b-4, 5
Clinical microbiology	A-a-2, 11, 12, 14, 17, 23, 26, 27, 35, 50, 57, 60, 61, 62, 63, A-b-1, 3
Chemotherapy	A-a-2, 6, 12, 20, 23, 24, 26, 27, 28, 40, 41, 42, 44, 45, 47, 56, 60, 61, 62, 63, A-b-1, 3, 4, 5
Chronic obstructive pulmonary disease	A-a-61
Cytokine	A-a-1, 8, 15, 21, 25, 26, 27, 33, 34, 37, 52, 58, 61, A-b-2
Diffuse panbronchiolitis	A-a-5, 21, 37, 61
Drug delivery system	A-a-24

キ　ー　ワ　ー　ド	業　績　の　番　号
Drug resistance	A-a-2, 6, 12, 23, 28, 40, 41, 42, 44, 45, 47, 56
Epidemiology	
Glomerular sclerosis	A-a-8, 55
Glomerulonephritis	A-a-8, 10, 25, 34, 43, 49, 55
Heat shock protein	A-a-17
Helicobacter pylori	
Hepatitis	
HTLV-1	A-a-14, 18, 54, 59
Hospital infection	A-a-2, 11, 12
IgA nephropathy	A-a-8, 25, 62
Immunology	A-a-1, 8, 15, 17, 21, 25, 27, 33, 34, 37, 43, 48, 49, 50, 52, 57, 58, 61, 62, 63
Inflammatory bowel disease	
In situ hybridization	A-a-8, 25, 34, 49, 55, A-b-2
Interstitial pneumonia	A-a-39
Lung cancer	A-a-6, 11, 20, 22, 28, 40, 42, 45, 56
Macrolides	A-a-5, 21, 37, 61
Microbial pathogenesis	A-a-2, 12, 14, 17, 23, 26, 27, 50, 52, 57, 62, 63, A-b-3
Mycobacteriosis	A-a-23, 44
Mycoplasma pneumoniae	
Mycosis	A-a-2, 14, 17, 24, 35, 60
Nephrotic Syndrome	A-a-8
Oncogene	A-a-3, 59
Oncology	A-a-3, 4, 6, 18, 19, 20, 22, 40, 41, 42, 45, 47, 54, 56, 59, A-b-4, 5
Pneumonia	A-a-11, 30, 46, 50, 52, 57, 62, 63 A-b-1
Polymerase chain reaction	A-a-44
Primary biliary cirrhosis	
Pulmonary disease	A-a-5, 11, 15, 17, 21, 22, 28, 31, 37, 39, 44, 46, 50, 57, 61
Pulmonary hypertension	A-a-7, 36
Radiation	
Rapid diagnosis	A-a-2, 14, 35
Renal failure	A-a-9, 10, 13, 43
Respiratory infection	A-a-6, 11, 21, 37, 52, 57, 61, 62, 63, A-b-1
Serological diagnosis	A-a-14, 17, 19, 35, 57

内科学第三講座 (Internal Medicine III)

キ ー ワ ー ド	業 績 の 番 号
Arrhythmia	
Electrophysiological Study	
Catheter Ablation	
WPW Syndrome	
QT Prolongation	
Late Potential	
Pacemaker	A-a-2
Power Spectrum	
Antiarrhythmic Drugs	
Romano-Ward Syndrome	
Atrial Fibrillation	
Holter ECG	
Body surface mapping	
Ventricular Tachycardia	
Atrial Vulnerability	
Fragmented Atrial Activity	
Hypertrophic Cardiomyopathy	
Myocarditis	
Dilated Cardiomyopathy	
Stress Echocardiography	
Sick Sinus Syndrome	
Automatic Function	
Arteriosclerosis	
Potassium Channel	A-b-16
Hypertension	A-a-4, B-c-33
Nitric Oxide	
Adrenomedulin	
Aldosterone	
Na-H Exchanger	
Transesophageal Exchanger	
Transesophageal Echocardiography	
PTCA	
Stent	
Myocardial Infarction	
MRI	
Restenosis	
Lipoprotein (a)	
Aortic Dissection	

キ ー ワ ー ド	業 績 の 番 号
Thromboembolism	
Myocardial Scintigram	
Rinin	
Angiotensin II	A-a-6
Blood Pressure	A-a-5, A-a-7
Ambulatory Blood Pressure	
PTHrP	
Salt Snesitive Rat	
Angina Pectoris	
Adrebal	
Calcium	A-a-4, A-a-3

精神神経学講座 (Department of Neuropsychiatry)

キ ー ワ ー ド	業 績 の 番 号
affective disorder	
antidepressants	
anticipation	
epidemiology	A-a-3, 4
gene	A-a-1, 2, 6
genetics	A-a-1, 2, 6
neurodevelopment	
brain morphology	
prenatal stress	
receptor autoradiography	
schizophrenia	A-a-4, 5
serotonin	
transporter	
twin	
WHO	
atomic bomb survivors	
ICD	

小児科学講座 (Pediatrics)

キ　ー　ワ　ー　ド	業　績　の　番　号
allergy	
antibiotics	A-a-12
cardiology	
endocrinology	
genetics	A-a-11, 19
glycosidation	A-a-2
HIV	A-a-4, 6, 7, 8, 9, 10, 17
HTLV-I	A-a-13
immunodeficiency	
infection	A-a-5
Leukemia	A-a-1, 3, 14, 15, 16
neonatology	
neuroblastoma	
neurology	A-a-18
phagocyte	
Vitamin K	

外科学第一講座 (Surgery I)

キ　ー　ワ　ー　ド	業　績　の　番　号
Apoptosis	
Breast cancer	A-a-7
Bronchogenic carcinoma	A-a-9, A-b-1
Cell cycle	
Chromosome instability	
Colorectal cancer	A-a-11, 12
Endoscopic surgery	A-a-12
Esophageal cancer	
Flow cytometry	
Gastric cancer	
Gastroenterological surgery	A-a-12
Gastroenterology	A-a-4, 11
Hepato-biliary-pancreatic surgery	A-a-2
Hepatology	
Liver cancer	A-a-5
Lung cancer	
Lung transplantation	A-a-8
Multiple primary carcinoma	
Neonatal surgery	
Nitric oxide	
Numerical chromosome aberration	
Pediatric oncology	
Pediatric surgery	
Prenatal diagnosis	
Surgical oncology	A-a-1, 3, 5, 13
Tracheobronchoplasty	
Xenotransplantation	

外科学第二講座 (Department of Surgery II)

キ ー ワ ー ド	業 績 の 番 号
ADL	
biliary carcinogenesis	A-a-19, 22
breast cancer	A-a-26
bioartificial liver	A-a-24
chemosensitivity	
chronic pancreatitis	
colorectal cancer	A-a-28
congenital bile duct dilatation	
endoscopic surgery	A-a-20
endotheline-1	A-a-25
gastric cancer	
glutamine	
hamster	A-a-3
Hirschsprung's disease	
living related liver transplantation	
intrahepatic gallstone	
liver failure	A-a-17, 24
liver transplantation	A-a-18, 25, 27
liver surgery	
malignant lymphoma	
motility	A-a-16
neonatal surgery	
neuroblastoma	
pancreatic cancer	A-a-22
pancreatobiliary maljunction	
porcine hepatocytes	A-a-24
portal hypertension	
pediatric pathology	
pediatric surgery	
pediatric trauma	
pediatric tumor	
radiosensitivity	
small bowel transplantation	
thyroid cancer	

整形外科学講座 (Orthopaedic Surgery)

キ ー ワ ー ド	業 績 の 番 号
Biomechanics	
Biomechanism	
Bone biophysiology	
Bone circulation	
Bone growth	
Bone metabolism	A-a-1, 2, 4
Elbow surgery	
External fixation	
Foot surgery	A-a-5, 6, 7
Gait analysis	
Hand surgery	
Hip surgery	
Knee surgery	
Limb salvage surgery	
Malignant bone and soft tissue tumors	
Osteonecrosis of the femoral head	
Paediatric Orthopaedics	
Peripheral nerve	
Reconstruction after peripheral nerve injury	
Shoulder surgery	
Spine surgery	A-a-3
Spontaneous hypertensive rat (S.H.R)	
Sports Injury	
Rheumatoid	
Arthritis	
Arthroplasty	

皮膚科学講座 (Department of Dermatology)

キ　ー　ワ　ー　ド	業　績　の　番　号
actinic keratosis	
atopic dermatitis	A-a-3, 12, 19
collagen disease	
contact dermatitis	A-a-2, 9, 15
cytokine	A-a-10
dermatomyositis	A-a-6
DNA	
drug allergy	
eosinophil	A-a-18, 21
FcεR I	
gene therapy	
herpes	
house dust mite	
Kaposi's sarcoma	
Langerhans cell	A-a-7, 8
malignant melanoma	
malignant skin tumor	A-a-11
mixed connective tissue disease (MCTD)	
monocyte	
p53	
patch test	
photocarcinogenesis	
photosensitive dermatoses	
porphyria	
psoriasis	A-a-14, 17
PUVA	
sarcoidosis	
scleroderma	A-a-20
Sjogren's syndrome	
skin aging	
skin barrier	A-a-1, 23
SLE	
T cell lymphoma	A-a-4, 13, 16, 24
ultraviolet ray	
vasculitis	A-a-5
vitamin D3	
xeroderma pigmentosum	

泌尿器科学講座 (Department of Urology)

キ ー ワ ー ド	業 績 の 番 号
Adrenocortical tumor	
Androgen receptor	
Bacillus Calmette Guerin (BCG)	
β -microseminoprotein	
Cell-cell communication	
Compensatory renal growth	A-a-2
Graft rejection	
Hepatocyte growth factor	
Immune tolerance	
Intra-arterial chemotherapy	A-a-4
Kidney transplantation	
Male infertility	A-a-7
Nitric oxide	
Pheochromocytoma	
Benign Prostatic hypertropy	A-a-1
Prostatic cartinoma	
Renal cell cartinoma	A-a-6, 11
Renal failure	
Blood purification	A-a-13
Renal pelvic tumor	
Ureter tumor	
Gap junction	A-a-3, 8, 9
Bladder cartinoma	A-a-14
FISH	A-a-5
FGF receptor-1	A-a-10, 12

眼科学講座 (Ophthalmology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Cell culture	A-a-8, A-c-1
Defense mechanism	A-a-8
Diabetic retinopathy	A-c-5
Electron microscopy	A-a-1, A-c-5
Fibroblast growth factor	A-a-7, A-c-1, 3, 6
Histochemistry	A-a-2
Immunohistochemistry	A-a-2, A-c-1, 3, 6
Ocular anomaly	
Ocular tumor	A-a-5
Prostaglandin	A-a-8, 10
Pterygium	A-c-1, 6
Rat	A-a-1, 2, A-c-5
Retina	A-a-1, A-c-3, 5
Retinal circulation	A-a-1
Retinal detachment	A-a-9, A-c-2, 4
Retinal glial cell	A-c-5
Retinal ischemia	A-a-10
Retinal pigment epithelium	A-a-8
Retinal vasculature	A-a-1, A-c-5
Silicone oil	A-c-2
Superoxide dismutase	A-a-2
Trace element	
Vitamin	
Vitreoretinal proliferation	
Vitreous surgery	A-c-4

耳鼻咽喉科講座 (Otorhinolaryngology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Cholesteatoma	A-c-1, 2, 3, 4, 5, 6, 7
Tympanoplasty	
Otitis media	A-c-6, 7
Facial nerve disorders	A-a-1
Meniere's disease	A-c-8, 9
Electrocochleography	A-a-2 A-c-8
Nasal allergy	
Inner ear pathophysiology	A-a-2 A-c-9
Skull base surgery	A-c-4
Head and neck surgery	
Endoscopic sinus surgery	
Rehabilitation of deafness	

放射線医学講座 (Radiology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Angiography	A-a-1, 4, 13, 24
Bone architecture	A-a-2, 12
Cardiovascular disease	A-a-4, 13, 15, 24
Computed tomography	A-a-6, 8, 15, 19, 21
Computer aided diagnosis	A-a-7
Conventional radiography	
Liver disease	A-a-1, 19
Interventional radiology	A-a-5, 20, 23
Ischemic heart disease	A-a-24, 26
Lung disease	A-a-10, 11, 16, 21
Musculoskeletal imaging	A-a-3, 22, 27, 28
Magnetic resonance imaging	A-a-3, 8, 9, 11, 14, 16, 21, 22, 26, 27, 28
Neuroradiology	
Nuclear medicine	A-a-10
Osteoporosis	A-a-2, 9, 12, 17, 18, 25, 26
Radiographic-pathologic correlation	A-a-8, 14, 19, 21
Radiation therapy	A-a-23
Stereotactic radiosurgery	
Ultrasonography	A-a-29

産科婦人科学講座 (Obstetrics & Gynecology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Amniotic fluid	A-a-1, 2, 4, 5
Animal model	A-a-5
Cytotoxic analogue	A-a-7
Doppler study	A-a-1, 4, 13
Ectopic pregnancy	
Endometriosis	A-a-3
Fetal pulmonary hypoplasia	A-a-5
Fetal growth retardation	A-a-1, 2
Immunohistochemistry	A-a-3, 6, 10
Laparoscopy	A-a-9
Ovarian cancer	A-a-7
Luteinizing hormone-releasing hormone	A-a-7
Prenatal diagnosis	A-a-1, 2, 13
Ultrasonography	A-a-1, 2, 4, 13
Uterine cancer	A-a-8, 10, 11, 12

麻酔学講座 (Anesthesiology)

キ　ー　ワ　ー　ド	業　績　の　番　号
Arrhythmia,	
Anesthesia,	A-a-5, 9, A-c-1
Anesthetics,	A-a-9
Cardiovascular system,	A-a-5
Catecholamines,	A-a-2
Causalgia,	
Cerebral blood flow,	
Cerebral cortex,	
Circulation,	A-a-1
Coagulofibrinolysis,	A-a-4
Critical illness,	
Cytokines,	
Hemodilution	A-a-2, 3
Endothelin	A-a-7, 8
Hepatic veins,	A-a-3, 6
Hypotention	A-a-1, 2, 3, 4, 5
Intensive care,	A-a-10
ischemia-reperfusion,	A-a-12
Magnesium,	
Myocardial blood flow,	
Nitrous oxide	
Pain clinic,	
Phosphatidylinositol turnover	A-a-11
Phospholipase A2,	A-a-12
Potassium channel opener	A-a-9
Prostaglandin E1,	A-a-2, 3, 4
Superoxide	A-a-6

脳神経外科学講座 (Neurosurgery)

キ　ー　ワ　ー　ド	業　績　の　番　号
Applied Neurophysiology	A-a-8 A-c-1
Blood-Brain Barrier (BBB)	A-a-7
Brain Tumor	A-a-1, 2, 3, 4
Cerebral Blood Flow	
Cerebral Ischemia	
Cerebral Metabolism	
Cerebral Vascular Disease	A-a-6
Endothelin-1 mRNA	
Free Radical	
Gene Therapy	A-a-5
Glioma Cell Culture	
Glutathione	
Intracranial Pressure	
Liposome	
Monitoring System	
Neurotrauma	
Radiosurgery	
Skull Base Surgery	
Thrombolytic Therapy	

形成外科学講座 (Plastic & Reconstructive Surgery)

キ　ー　ワ　ー　ド	業　績　の　番　号
Allograft	
Bone substitute	A-a-10, 11
Burn	A-a-4
Cartilage graft	
Cleft lip and palate	A-a-11
Congenital malformation	A-a-1, 6, 8
Cranio-maxillo-facial surgery	A-a-3, 9, 10
Cytokine	A-a-7
Developmental jaw surgery	A-a-9
Free tissue transplantation	A-a-2
Gene	A-a-5, 6, 7, 8
Growth factor	
Hand surgery	
Hypertrophic scar and Keloid	
Membranous bone grafting	A-a-10
Microcirculation	A-a-2
Microsurgery	
Orthognatic surgery	A-a-9, 10
Photogrammetry	
Skin flap	A-a-2
Skin graft	
Skull base surgery	
Tissue expansion	
Tumor	A-a-1, 4
Wound healing	

臨床検査医学講座 (Laboratory Medicine)

キ ー ワ ー ド	業 績 の 番 号
Antimicrobiol chemotherapy	A-a-8, 15, 20, 21, 24
A T L	A-a-1, 2, 3, 5, 6, 9, 10, 11, 12, 13, 19
Clinical Microbiology	A-a-8, 16, 20, 21, 22, 23
Cytokine	A-a-18, 25, 26
Hospital infection	A-a-8
H T L V - I	A-a-1, 10
Infection and Immunology	A-a-14, 15, 17, 18, 26
Lymphoma	A-a-4, 12, 19
Microbial Pathogenesis	A-a-14
oncogenesis	A-a-3, 5, 7
Pulmonary pathology	A-a-27, 28, 30
Soft tissue pathology	A-a-27
Surgical Pathology	A-a-27
Uropathology	A-a-29
Computer system in pathology	

心臓血管外科学講座 (Cardiovascular Surgery)

キ ー ワ ー ド	業 績 の 番 号
abdominal aortic aneurysm	
acute arterial occlusion	
arterial reconstruction	
autologous blood transfusion	
cardiac function	
cardiopulmonary bypass	
cryopreservation	
homologous aortic valve transplantaion	
low cardiac output	
low density lipoprotein apheresis	
myocardial protection	
myoglobinuria	
myonephropathic-metabolic syndrome	
pathologic intimal hyperplasia	

手術部 (Operating theater)

キ ー ワ ー ド	業 績 の 番 号
anesthetics	A-a-1
antioxidant	
cardiovascular	A-a-4
chronically instrumented dogs	
controlled hypotension	A-a-4
free radical	
gene expression	
inositol monophosphate	A-a-1
phosphatidylinositol	A-a-1
smooth muscle	A-a-1
sympathomimetics	

救急部 (Division of Emergency Medicine)

キ ー ワ ー ド	業 績 の 番 号
Acute medicine	
Cardio-vascular surgery	
Heart failure	
Assist device	

輸血部 (Blood Transfusion Service)

キ ー ワ ー ド	業 績 の 番 号
Transfusion	
Hematopoiesis	
Colony assay	
MDS	
Leukemia	

集中治療部 (Intensive Care Unit)

キ ー ワ ー ド	業 績 の 番 号
Intensive care	
Magnesium	
Coagulofibrinolysis	
Cytocaines	
Blood purification	
Nutrition	

理学療法部 (department of rehabilitation medicine)

キ ー ワ ー ド	業 績 の 番 号
Cartilage tissue	
Rheumatoid arthritis	
rehabilitation	
IGF-binding protein	A-a-1, 2

腎疾患治療部 (Renal care unit)

キ ー ワ ー ド	業 績 の 番 号
Acute renal failure	
Chronic renal failure	
Blood purification	
CAPD	
Renal osteodystrophy	
Hemodialysis	A-a-5
Apheresis	A-a-7
Renal transplantation	
H D amyloidosis	
Endotoxin	
Chronic nephritis	A-a-2, 4, 6, 8
Diabetic nephropathy	A-a-1
Collagen disease	A-a-3

病理部 (Department of Pathology)

キ ー ワ ー ド	業 績 の 番 号
Pulmonary pathology	A-a-1, 2, 4
Soft tissue pathology	A-a-1, 3
Surgical pathology	A-a-1, 2, 3
Uropathology	A-a-3
Salivary gland pathology	
Computer system in pathology	

光学医療診療部 (The Department of Endoscopy)

キ　ー　ワ　ー　ド	業　績　の　番　号
Inflammatory bowel disease (IBD)	
Eosinophil cationic protein (ECP)	
Clinical immunology	
Apoptosis	
Cancer	A-a-1, 2
Crohn's disease	
Ulcerative colitis	
Endoscopy	A-a-1, 2
Infectious entero-colitis	
Hyperbaric oxygen therapy	

薬剤部 (Division of Hospital Pharmacy)

キ　ー　ワ　ー　ド	業　績　の　番　号
Apoptosis	A-a-11
Chemotherapy	A-a-7, 8
Drug delivery system	A-a-3, 4, 10
Drug information	
Drug interaction	A-a-1, 5
Eye	A-a-3, 4, 6, 9, A-c-1
High performance liquid chromatography (HPLC)	A-a-3, 4
Microdialysis	A-a-6, 8
MRSA	A-a-9
Mutagenicity	
Nitrofurans	
Pharmacokinetics	A-a-3, 4, 6, 8, 9, 10, A-c-1
Pharmaceutical care	
Polymer absorption	A-a-3, 6
Therapeutic drug monitoring (TDM)	A-a-9