
Bull Yamaguchi Med School 54(3-4): 2007

List of Doctoral Dissertations in 2006

- A. 995 Yasuyuki NOUTOMI:
Comparative Genomic Hybridization Reveals Genetic Progression of Oral Squamous Cell Carcinoma from Dysplasia via Two Different Tumorigenic Pathways.
Division of Oral and Maxillofacial Surgery, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 996 Xiulian ZHANG:
Proteomic Analysis of Macrophages Stimulated by Lipopolysaccharide: Lipopolysaccharide Inhibits the Cleavage of Nucleophosmin.
Division of Biochemistry and Functional Proteomics, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 997 Yukio TAKAHASHI:
A Study on the Relationship between Subjective Unpleasantness and Body Surface Vibrations Induced by High-level Low-frequency Pure Tones.
Division of Hygiene, Department of Environmental, Humanity and Health System Science, Yamaguchi University Graduate School of Medicine.
- A. 998 Zheng X:
Heterogeneous Expression of CD32 and CD32-Mediated Growth Suppression in Human Myeloma Cells.
Division of Cellular Signal Analysis, Department of Applied Medical Engineering Science, Yamaguchi University Graduate School of Medicine.
- A. 999 Kouhei SAKAI:
Phosphoinositide 3-Kinase in Nitric Oxides Synthesis in Macrophage: Critical Dimerization of Inducible Nitric Oxide Synthase.
Division of Genomics and Infectious Disease Control and Prevention, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 1000 Takeshi FUNAKOSHI:
G Protein-Coupled Receptor 30 is an Estrogen Receptor in the Plasma Membrane.
Division of Cellular Signal Analysis, Department of Applied Medical Engineering Science, Yamaguchi University Graduate School of Medicine.
- A. 1001 Aya FUJIOKA:
Differential Effects of Prenatal Stress on the Morphological Maturation of Hippocampal Neurons.
Division of Emergency and Critical Care Medicine, Department of Stress and Bio-response Medicine, Yamaguchi University Graduate School of Medicine.

- A. 1002 Takakazu FURUTANI:
Hepatic Iron over Load Induces Hepatocellular Carcinoma in Transgenic Mice Expressing the Hepatitis C Virus Polyprotein.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1003 Michio YAMADA:
Inhibition of Protein Phosphatase 1 by Inhibitor-2 Gene Delivery Ameliorates Heart Failure Progression in Genetic Cardiomyopathy.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1004 Takahiro TOKUHISA:
AT1 Receptor Antagonist Restores Cardiac Ryanodine Receptor Function, Rendering Isoproterenol-Induced Failing Heart Less Susceptible to Ca²⁺-Leak Induced by Oxidative Stress.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1005 Kyoko UMEJI:
Comparative Effects of Pitavastatin and Probucol on Oxidative Stress, Cu/Zn Superoxide Dismutase, PPAR γ , and Aortic Stiffness in Hypercholesterolemia.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1006 Changjiu ZHAO:
Region-Specific Expression and Sex-Steroidal Regulation on Aromatase and Its mRNA in the Male Rat Brain: Immunohistochemical and in Situ Hybridization Analyses.
Division of Functional Neuroanatomy, Department of Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1007 Naohito ISOYAMA:
Evidence that FTY720 Induces Rat Thymocyte Apoptosis.
Division of Urology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1008 Masayuki MURATA:
Chlamydial SET Domain Protein Functions as a Histone Methyltransferase.
Division of Genomics and Infectious Disease Control and Prevention, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 1009 Murakami MASANORI:
Long-Term Survival of Xenogeneic Heart Grafts Achieved by Costimulatory Blockade and Transient Mixed Chimerism.
Division of Surgery and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.

- A. 1010 Ryo INOUE:
Gefitinib-related Gene Signature in Bladder Cancer Cells Identified by a cDNA Microarray.
Division of Urology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1011 Masatoshi OMOTO:
Inactivation of Amyloid-Enhancing Factor (AEF): Study on Experimental Murine AA Amyloidosis.
Division of Neurology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1012 Ying Jun Cui:
Down-regulation of Ras/Akt Signaling and Hippocampal Neuronal Death following Transient Global Ischemia-Reperfusion in Rat Brain.
Division of Anesthesiology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1013 Norihisa TAKAHASHI:
Development of an Instrument for Measurement of Light Scattering at the Corneal Epithelial Basement Membrane in Diabetic Patients.
Division of Ophthalmology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1014 Koji AOYAMA:
Effect of a Late Evening Snack in Outpatients with Liver Cirrhosis.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1015 Tadashi OKAZAWA:
Expression of Vascular Endothelial Growth Factor C is a Prognostic Indicator in Esophageal Cancer.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1016 Kunihiro TAJIMA:
Importance of Id2 in Hepatic Stellate Cell Differentiation and Proliferation.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1017 Katsunori HARADA:
Study on the Colonoscopic Features of GVHD Enteritis that Developed after Hematopoietic Stem Cell Transplantation.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1018 Kazuhiko SAKAMOTO:
Relation between Cytokine Promoter Gene Polymorphism and Toxicity of 5-Fluorouracil Plus Cisplatin Chemotherapy.
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.

- A. 1019 Makiko KIYAMA:
Immunohistochemical and Immunochemical Study of Amyloid in Liver Affected by Systemic $\Lambda\lambda$ Amyloidosis with Antibodies Against Three Different Regions of Immunoglobulin λ Light Chain.
Division of Neurology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1020 Takayuki AMANO M.D. :
Anti-Tumor Effects of Vaccination with Dendritic Cells Transfected with Modified RHAMM (Receptor for Hyaluronan-Mediated Motility) mRNA for Mice Glioma.
Division of Neurosurgery, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1021 Hisaharu GOTO :
Neurotoxic Effects of Exogenous Recombinant Tissue-Type Plasminogen Activator on the Normal Rat Brain.
Division of Neurosurgery, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1022 Kenji MATSUURA:
Promotion of Skin Epithelial Cell Migration and Wound Healing by a 2-Benzazepine Derivative.
Division of Molecular Pharmacology, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 1023 Yang LIU:
Promotion by Fibronectin of Collagen Gel Contraction Mediated by Human Corneal Fibroblasts.
Division of Ophthalmology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1024 Makiko WAKUTA:
Delayed Wound Closure and Phenotypic Changes in the Corneal Epithelium of the Spontaneously Diabetic Goto-Kakizaki Rat.
Division of Ophthalmology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1025 Yohei URATA:
The Effect of Supplementation with Branched-Chain Amino Acids in Patients with Liver Cirrhosis.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1026 Toshio HARADA:
Expression of Tropomyosin Alpha 4 Chain is Increased in Esophageal Squamous Cell Carcinoma as Evidenced by Proteomic Profiling by Two-Dimensional Electrophoresis and Liquid Chromatography-Mass Spectrometry/Mass Spectrometry.
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.

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- A. 1027 Hiroyo ODA :
Rac1-Mediated Bcl-2 Induction is Critical in Antigen-Induced CD4 Single-Positive Differentiation of a CD4+CD8+ Immature Thymocyte Line.
Division of Genomics and Infectious Disease Control and Prevention, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 1028 Rahman MA:
Serotonin and Melatonin, Neurohormones for Homeostasis, as Novel Inhibitors of Infections by the Intracellular Parasite Chlamydia.
Division of Genomics and Infectious Disease Control and Prevention, Department of Biomedical and Biomolecular Sciences, Yamaguchi University Graduate School of Medicine.
- A. 1029 Haruyuki MAKATA:
Anti-Inflammatory Effect of Intravenous Immunoglobulin in Comparison with Dexamethasone in Vitro: Implication for Treatment of Kawasaki Disease.
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1030 Jumpei AKAO:
Chromosome 20q13.2 Gain may Predict Intravesical Recurrence after Nephroureterectomy in Upper Urinary Tract Urothelial Tumors.
Division of Urology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1031 Kuniyoshi TANAKA:
Post-Exposure Administration of Edaravone Attenuates Noise-Induced Hearing Loss.
Division of Otolaryngology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1032 Eiko HAYASHI:
Proteomic Profiling for Cancer Progression: Differential Display Analysis for the Expression of Intracellular Proteins between Regressive and Progressive Cancer Cell Lines.
Division of Oral and Maxillofacial Surgery, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1033 Shinji YAMAMOTO:
Evaluation of Heat Exposure Effect on Autonomic Nervous System Using Heart Rate Variability and Urinary Catecholamines.
Division of Hygiene, Department of Environmental, Humanity and Health System Science, Yamaguchi University Graduate School of Medicine.
- A. 1034 Eiichi TAKAKI:
Maintenance of Olfactory Neurogenesis Requires HSF1, a Major Heat Shock Transcription Factor in Mice.
Division of Biochemistry and Molecular Biology, Department of Applied Medical Engineering Science, Yamaguchi University Graduate School of Medicine.

- A. 1035 Ma Z:
Baicalein, a Component of *Scutellaria Radix* from Huang-Lian-Jie-Du-Tang (HLJDT), Leads to Suppression of Proliferation and Induction of Apoptosis in Human Myeloma Cells.
Division of Cellular Signal Analysis, Department of Applied Medical Engineering Science, Yamaguchi University Graduate School of Medicine.
- A. 1036 Ruijuan WANG:
Pleiotropic Effects of the β -Adrenoceptor Blocker Carvedilol on Calcium Regulation during Oxidative Stress-Induced Apoptosis in Cardiomyocytes.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1037 Kuniko MIKURIYA:
Expression of Glycolytic Enzymes is Increased in Pancreatic Cancerous Tissues as Evidenced by Proteomic Profiling by Two-Dimensional Electrophoresis and Liquid Chromatography-Mass Spectrometry/Mass Spectrometry.
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1038 Rieko KAWAMOTO:
Dietary and Physical Activity Effects on Bone Metabolism after Gastrectomy.
Division of Public Health, Department of Environmental, Humanity and Health System Science, Yamaguchi University Graduate School of Medicine.
- A. 1039 Eizo AKAGAWA:
Augmentation of Left Ventricular Apical Endocardial Rotation with Inotropic Stimulation Contributes to an Increased LV Torsion and Radial Strain in Normal Subjects: A Quantitative Assessment utilizing a Novel Automated Tissue Tracking Technique.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1040 Mamoru MOCHIZUKI:
Scavenging Free Radicals by Low-Dose Carvedilol Prevents Redox-Dependent Ca^{2+} Leak via Stabilization of Ryanodine Receptor in Heart Failure.
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1041 Masaya TAKAHASHI :
Cytokines Produced by Bone Marrow Cells can Contribute to Functional Improvement of the Infarcted Heart by Protecting Cardiomyocytes from Ischemic Injury.
Division of Surgery and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1042 Eijiro HARADA:
Small Bowel Transplantation Tolerance Achieved by Costimulatory Blockade leading to Mixed Chimerism.
Division of Surgery and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.

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- A. 1043 Kiyoungh KIM:
Structural Variation of Tantalates with Layered Perovskite and the Photocatalytic Activity.
Yamaguchi University Graduate School of Medicine.
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- B. 1044 Masataro HAYASHI:
Genomic Alterations Detected by Comparative Genomic Hybridization in Primary Lung Adenocarcinomas with Special Reference to the Relationship with DNA Ploidy.
Division of Surgery and Clinical Science, Department of Medical Bioregulation,
Yamaguchi University Graduate School of Medicine.
- B. 1005 Kenichiro UCHIDA:
Molecular Cytogenetic Analysis of Oral Squamous Cell Carcinomas by Comparative Genomic Hybridization, Spectral Karyotyping, and Fluorescence in Situ Hybridization.
Division of Oral and maxillofacial Surgery, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- B. 1006 Yumika KOIZUMI:
The Effects of an AMPA Receptor Antagonist on the Neurotoxicity of Tetracaine Intrathecally Administered in Rabbits.
Division of Anesthesiology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- B. 1007 Yoshinori HASUI:
Association of the OGG1 Ser326Cys Polymorphism with Tooth Loss.
Division of Oral and Maxillofacial Surgery, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- B. 1008 Miho ENOKI:
Additional Reduction in Intraocular Pressure Achieved with Latanoprost in Normal-Tension Glaucoma Patients Previously Treated with Unoprostone.
Division of Ophthalmology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.