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Bull Yamaguchi Med School 56(3-4): 2009

## List of Doctoral Dissertations in 2008

- A. 1094 Shirai YASUYUKI:  
The Usefulness of a Computer-Based Endoscopic Simulator for Training in Esophago-gastroduodenoscopy.  
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1095 Koji OTSUKI:  
Altered Expression of Neurotrophic Factors in Patients with Major Depression.  
Division of Neuropsychiatry, Department of Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1096 Michiko FUJIMOTO:  
Reduced Expression of Glyoxalase-1 mRNA in Mood Disorder Patients.  
Division of Neuropsychiatry, Department of Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1097 Fumitaka SHIMIZU:  
Peripheral Nerve Pericytes Originating from Blood-Nerve Barrier Expresses Tight Junctional Molecules and Transporters as Barrier-Forming Cells.  
Division of Neuropsychiatry, Department of Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1098 Ye LIU:  
Induction of Murine AA Amyloidosis by Various Homogeneous Amyloid Fibrils and Amyloid-Like Synthetic Peptides.  
Division of Pathology, Department of Radiological and Pathological Science, Yamaguchi University Graduate School of Medicine.
- A. 1099 Yasuko KOBAYASHI:  
Effects of Orthokeratology on Visual Functions and Its Reversibility.  
Division of Ophthalmology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1100 Akihiko TAGUCHI:  
GPI Anchored Protein, GPC3 Facilitated Glucose Uptake on Lipid Raft.  
Division of Endocrinology, Metabolism, Hematological Sciences and Therapeutics, Department of Bio-Signal Analysis, Yamaguchi University Graduate School of Medicine.
- A. 1101 Chie NAKAMURA:  
HSF1 is Important for Protection of Mouse Epidermal Cells against Heat Stress.  
Division of Dermatology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.

- A. 1102 Yuki FUKAGAWA:  
Epstein-Barr Virus Upregulates Phosphorylated Heat Shock Protein 27 kDa in Carcinoma Cells Using the Phosphoinositide 3-Kinase/Akt Pathway.  
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1103 Tsuguyuki ARAI:  
The Free Radical Scavenger Edaravone Protects Hair Cells against Aminoglycoside Toxicity.  
Division of Otolaryngology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1104 Hiromi ASADA:  
Potential Link between Estrogen Receptor- $\alpha$  Gene Hypomethylation and Uterine Fibroid Formation.  
Division of Obstetrics and gynecology, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1105 Ichirou MIWA:  
Pathophysiologic Features of "thin" Endometrium.  
Division of Obstetrics and gynecology, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1106 Masahiro TANABE:  
Hepatocellular Lesions with Increased Iron Uptake on SPIO-Enhanced MR Imaging: Comparison of MR Imaging Pulse Sequence.  
Division of Radiology, Department of Radiological and Pathological Science, Yamaguchi University Graduate School of Medicine.
- A. 1107 Hirotoshi IWANO:  
Management of Unresectable Hilar Biliary Obstruction: Plastic Stents versus Metallic Stents and Unilateral versus Bilateral Biliary Drainage.  
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1108 Michiya YAMAGUCHI:  
A Study on Analysis of Possible Association of Single-Nucleotide Polymorphisms in the Alpha-Helix Coiled-Coil Rod Homologue Gene with Psoriasis in a Japanese Population.  
Division of Dermatology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1109 Hiroshi ORITA:  
Unilateral Intra-Perilymphatic Infusion of Substance P Enhances Ipsilateral Vestibulo-Ocular Reflex Gains in the Sinusoidal Rotation Test.  
Division of Otolaryngology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.

- A. 1110 Misae ITO:  
Perceptions about Medical Decision Making among Japanese Patients, Their Families, Nurses and Physicians.  
Division of Medical Humanities, Department of Environmental, Humanity and Health System Science, Yamaguchi University Graduate School of Medicine.
- A. 1111 Yusuke WAKABAYASHI:  
State-Dependent Changes in the Expression Levels of NCAM-140 and L1 in the Peripheral Blood Cells of Bipolar Disorders, but not in the Major Depressive Disorders.  
Division of Neuropsychiatry, Department of Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1112 Iwao ASAMI:  
Muscle Activity of Lower and Upper Extremity under Partial Weight Bearing Exercise.  
Division of Orthopedic Surgery, Department of Human Science, Yamaguchi University Graduate School of Medicine.
- A. 1113 Yasuaki IMAJYO:  
Use of the Finite Element Method to Study the Mechanism of Spinal Cord Injury without Radiological Abnormality in the Cervical Spine.  
Division of Orthopedic Surgery, Department of Human Science, Yamaguchi University Graduate School of Medicine.
- A. 1114 Yumiko SHIRASAWA:  
Does High-Dose Opioid Anesthesia Aggravate Ischemic Spinal Cord Injury in Rabbits?  
Division of Anesthesiology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- A. 1115 Yumiko HAGIYA:  
Quantitative Analysis of Malassezia in the Scale of Patients with Psoriasis Using a Real-Time Polymerase Chain Reaction Assay.  
Division of Dermatology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1116 Michihisa IIDA:  
Relation between Serum Levels of Cell-Free DNA and Inflammation Status in Hepatitis C Virus-Related Hepatocellular Carcinoma.  
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1117 Hideaki SOMURA:  
A Three-Gene Predictor for Early Intrahepatic Recurrence of Hepatocellular Carcinoma after Curative Hepatectomy.  
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.

- A. 1118 Kazuhisa TOKUNO:  
Increased Prevalence of Regulatory T Cells in the Peripheral Blood of Patients with Gastrointestinal Cancer.  
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1119 Shin YOSHIDA:  
Concomitant Overexpression of Heat-Shock Protein 70 and HLA Class-I in Hepatitis C Virus-Related Hepatocellular Carcinoma.  
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1120 Madoka KAJIMOTO:  
Enhancement of Activated  $\beta_1$ -integrin Expression by Prostaglandin E<sub>2</sub> via EP Receptors in Isolated Human Coronary Arterial Endothelial Cells: Implication for the 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.1121 Kunio HASHIMOTO:  
Cysteinyl Leukotrienes Induce Monocyte Chemoattractant Protein-1 in Human Monocyte/Macrophages via Mitogen-Activated Protein Kinase and NF- $\kappa$ B Pathways.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1122 Takeshi MATSUSHIGE:  
CSF Neurofilament and Soluble TNF Receptor 1 Levels in Subacute Sclerosing Panencephalitis.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1123 Hirotaka KOMATSU:  
Development of a Peritoneal Sclerosis Rat Model Using a Continuous-Infusion Pump.  
Division of Urology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1124 Mikako HIURA:  
A Simple Immuno-Monitoring Procedure for mRNA-Loaded Dendritic Cell Therapy.  
Division of Otolaryngology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.
- A. 1125 Yoshinobu HIROSE:  
Effect of Water-Soluble Coenzyme Q10 on Noise-Induced Hearing Loss in Guinea Pigs.  
Division of Otolaryngology, Department of Epithelial Intelligent and Analytical Medicine Science, Yamaguchi University Graduate School of Medicine.

- A. 1126 Toru AKEBI:  
Effects of Educational Intervention on Joint Angles of the Trunk and Lower Extremity and on Muscle Activities during Patient -Handling Task.  
Division of Hygiene, Department of Environmental, Humanity and Health System Science, Yamaguchi University Graduate School of Medicine.
- A.1127 Koji UENO:  
Frizzled-7 as a Potential Therapeutic Target in Colorectal Cancer<sup>1</sup>.  
Division of Laboratory Medicine, Department of Clinical and Biomedical Information Science, Yamaguchi University Graduate School of Medicine.
- A. 1128 Karim SHAMSASENJAN:  
The Molecular Mechanism of CD33 (Siglec-3) Expression in Human Myeloma Cells and Its Down-Regulation by IL-6.  
Division of Cellular Signal Analysis, Department of Bio-Signal Analysis, Yamaguchi University Graduate School of Medicine.
- A. 1129 Hiroki TATEISHI:  
Defective Domain-Domain Interactions within the Ryanodine Receptor as a Critical Cause of Diastolic Ca<sup>2+</sup> Leak in Failing Hearts.  
Division of Medicine and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1130 Mako OHSHIMA:  
Antioxidant Therapy Attenuates Diabetes-Related Impairment of Bone Marrow Stem Cells.  
Division of Surgery and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1131 Shu-Lan QIN:  
Transient Increase of Cytokines in the Acute Ischemic Tissue is Beneficial to Cell-Based Therapeutic Angiogenesis.  
Division of Surgery and Clinical Science, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 1132 Kazuya KOIZUMI:  
Construction of 1-Azaazulene-Fused Polycyclic Systems.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
- A. 1133 Toshihisa SHIBASAKI:  
Synthesis and Reactions of Azulene Derivatives Based on the Characteristics of Heteroatoms.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
- A. 1134 Yuichirou HARADA:  
A Study on the Molecular Mechanism of Egg Activation by the Sperm Factor in Newt Fertilization.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.

- A. 1135 Masayuki FUJINAGA:  
Introduction of a Boron Substituent into Azulene Derivatives and Its Transformation.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
- A. 1136 Noriko ISHIGAKI:  
Continuous Intravenous Infusion of Atrial Natriuretic Peptide (ANP) Prevented Liver Fibrosis in Rat.  
Division of Gastroenterology and Hepatology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- A. 1137 Parvin AKBARZADEHLALEH:  
Separation Behavior of PEGylated Proteins in Relation to Their Biochemical and Physical Properties.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
- A. 1138 Sanom NONKLANG:  
Ethanol Fermentation and Genetic Engineering in the Thermotolerant Yeast *Kluyveromyces Marxianus*.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
- A. 1139 Toshimi SUZUKI:  
The Limitation of Age-Related Compensation in the Neuromuscular Junction of the Rat Diaphragm Muscle.  
Applied Molecular Bioscience, Yamaguchi University Graduate School of Medicine.
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- B. 1017 Manami RYOZAWA:  
Clinical Sepsis in Neonates is Responsible for the Lower Prevalence of Developing Allergy.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B.1018 Susumu YAMASHITA:  
Definition of Normal Range of Plasma 3-Methyl Histidine and Evaluation of Protein Catabolism in Critically Ill Patients.  
Division of Emergency and Critical Care Medicine, Department of Stress and Bio-response Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1019 Hisasi ENDOH:  
Stimulation of Fetal Hypothalamus Induces Uterine Contractions in Pregnant Rats at Term.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.

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- B. 1020 Masahiro SHIRAIISHI:  
Soluble Tumor Necrosis Factor Receptor 1 and Tissue Inhibitor of Metalloproteinase-1 in Hemolytic Uremic Syndrome with Encephalopathy.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1021 Shinpei SUNAGAWA:  
Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in Perinatal Asphyxia.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1022 Reiji FUKANO:  
Time Lag between the Increase of IL-6 with Fever and NF- $\kappa$ B Activation in the Peripheral Blood in Inflammatory Myofibroblastic Tumor.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1023 Rie HONDA:  
Inhaled Steroid Reduces Cytokine Levels in Sputum from very Preterm Infants with Chronic Lung Disease.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1024 Masashi MOTOYAMA:  
Clinical Characteristics of Benign Convulsions with Rotavirus Gastroenteritis.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1025 Kazutoyo ASADA:  
Cytokine Levels in Sputum of Patients with Tracheostomy and Profound Multiple Disabilities.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1026 Tsuyoshi TAKEGAWA:  
Immunoglobulin G1 Allotypes in Intravenous Immunoglobulin Non-Responders of Kawasaki Disease Patients.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.

- B. 1027 Kiyoko TOMOCHIKA:  
Clinical Characteristics of Respiratory Syncytial Virus Infection-Associated Acute Otitis Media.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1028 Kanae TAKEDA:  
Stability of Hemodynamics of the Lenticulostriate Arteries in Neonates Detected by a Power Doppler System.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1029 Toru KAWAOKA:  
Adoptive Immunotherapy for Pancreatic Cancer: Cytotoxic T Lymphocytes Stimulated by MUC1-expressing Human Pancreatic Cancer Cell Line YPK-1.  
Division of Digestive Surgery and Surgical Oncology, Department of Molecular Science and Applied Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1030 Hiroaki MATAYOSHI:  
Neutrophil Elastase Inhibitor Attenuates Hippocampal Neuronal Damage after Transient Forebrain Ischemia in Rats.  
Division of Anesthesiology, Department of Clinical Neuroscience, Yamaguchi University Graduate School of Medicine.
- B.1031 Noriko KAWAHARA:  
Characteristics of Asthma Attack with Long-Term Management for Bronchial Asthma.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.
- B. 1032 Shinnosuke FUKUNAGA:  
Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-1 in the Cord Blood of Premature Infants Developing BPD.  
Division of Development and Clinical Immunology in Pediatric Diseases, Department of Reproductive and Developmental Medicine, Yamaguchi University Graduate School of Medicine.