

Bull Yamaguchi Med Sch 46(1-2) : 53-60, 1999

List of Doctoral Dissertations in 1998

- A.630 Yasuma NAKAMURA, Tsutomu RYOKE, Nobuaki TANAKA, Tomoko OHKUSA, and Masunori MATSUZAKI :
Celiprolol, a β -adrenoreceptor antagonist with vasodilator effect, improves hemodynamic response to catecholamine, spontaneous locomotor activity, and survival in cardiomyopathic hamsters with advanced heart failure.
J Cardiovasc Pharmacol, **31** (2) : 171-178, 1998.
The Second Department of Internal Medicine.
- A.631 Toshihiro ABE :
Relationship between the expression of DNA repair enzyme : ERCC1 (excision repair cross-complementing 1) and resistance to CDDP (cis-dichlorodiamineplatinum(II)) in human esophageal squamous cell carcinoma cell lines. (In Japanese)
Yamaguchi Med J, **46** (4) : 211-221, 1997.
The Second Department of Surgery.
- A.632 Makoto MIYAHARA :
Effects of prostaglandin E1 on energy metabolism in rat liver after relief of biliary obstruction. (In Japanese)
Yamaguchi Med J, **46** (3) : 165-171, 1997.
The Second Department of Surgery.
- A.633 Hideo KATAOKA :
Analysis of atrophy of gluteus maximus and gluteus medius in Legg-Calve-Perthes disease.
Bull Yamaguchi Med Sch **42** (34) : 93-97, 1995.
Department of Orthopedic Surgery,
Tsuzumigaura Children's Hospital.
- A.634 Akira KATO, Keiko KUBO, Fumie KUROKAWA, Kiwamu OKITA, Atsunori OGA, and Tomoyuki MURAKAMI :
Numerical aberrations of chromosomes 16, 17, and 18 in hepatocellular carcinoma : A FISH and FCM analysis of 20 cases.
Dig Dis Sci, **43** (1) : 1-7, 1998
The First Department of Internal Medicine,
Department of Pathology.
- A.635 Fusako TAMURA, Masaaki MASUHARA, Isao SAKAIDA, Tetsuo FUKUMOTO, Toshikazu NAKAMURA, Kiwamu OKITA :
FK506 promotes liver regeneration by suppressing natural killer cell activity.
J Gastroenterol Hepatol, **13** (7) : 703-708, 1998.
The First Department of Internal Medicine,
The First Department of Anatomy,
Division of Biochemistry, Department of Oncology, Osaka University Medical School.

- A.636 Eiichi SHIIGI :
Analysis of vitamin D receptor gene polymorphism in patients with ossification of posterior longitudinal of the cervical spine. (In Japanese)
Yamaguchi Med J, **46** (6) : 1-9, 1997.
Department of Orthopedic Surgery.
- A.637 Shiro FUKUDA, Kazuki HARADA, Mitoshi KUNIMATSU, Takefumi SAKABE, and Ken-ichi YOSHIDA :
Postischemic reperfusion induces α '-fodrin proteolysis by m-calpain in the synaptosome and nucleus in rat brain.
J Neurochem, **70** (6) : 2526-2532, 1998.
Department of Anesthesiology-Resuscitology,
Department of Legal Medicine,
Department of Biochemistry, Nagoya City University School of Medicine.
- A.638 Tetsuhiro KITAHARA :
Hemodynamics in patients with hypertensive intracerebral hemorrhage.
Bull Yamaguchi Med Sch, **44** (12) : 11-19, 1997.
Department of Neurosurgery.
- A.639 Pei WANG, Kazuyuki NAKAMURA, Yusuke MIMURA, Kazusuke TAKEO, Tatehiko TANAKA, Masanori FUJIMOTO :
Immune response to different doses of a hapten of fluorescein isothiocyanate analyzed by two-dimensional affinity electrophoresis.
Electrophoresis, **17** (7) : 1273-1279, 1996.
The First Department of Biochemistry.
- A.640 Dan CUI, Yoshinobu HOSHII, Mutsuo TAKAHASHI, Hiroo KAWANO, Takako IWATA and Tokuhiko ISHIHARA :
An immunohistochemical study of amyloid P component, apolipoprotein E, and ubiquitin in human and murine amyloidoses.
Pathol Int, **48** (5) : 362-367, 1998.
The First Department of Pathology,
Department of Surgical Pathology,
The School of Allied Health Sciences.
- A.641 Teruaki KIMURA, Isao SAKAIDA, Shuji TERAJ, Yasuhiro MATSUMURA, Koichi UCHIDA, and Kiwamu OKITA :
Inhibition of tumor necrosis factor- α production retards liver regeneration after partial hepatectomy in rats.
Biochem Biophys Res Commun, **231** (3) : 557-560, 1997.
The First Department of Internal Medicine.
- A.642 Masaaki KORENAGA, Keisuke HINO, Muneko OKAZAKI, Michiari OKUDA, and Kiwamu OKITA :
Differences in hypervariable region 1 quasispecies between immune complexed and non-immune complexed hepatitis C virus particles.
Biochem Biophys Res Commun, **240** (3) : 677-682, 1997.
The First Department of Internal Medicine.
- A.643 Junko KOHRO-KAWATA, Pei WANG, Yasunobu KAWATA, Masunori MATSUZAKI, and Kazuyuki NAKAMURA :

- Highly cationic anti-DNA antibodies in patients with lupus nephritis analyzed by two-dimensional electrophoresis and immunoblotting.
Electrophoresis, **19** (89) : 1511-1515, 1998.
The Second Department of Internal Medicine,
The First Department of Biochemistry,
Central Laboratory for Biomedical Research and Education.
- A.644 Takeshi UEYAMA, Tomoko OHKUSA, Yuji HISAMATSU, Yasuma NAKAMURA, Takeshi YAMAMOTO, Masafumi YANO, and Masunori MATSUZAKI :
Alterations in cardiac SR Ca²⁺ - release channels during development of heart failure in cardiomyopathic hamsters.
Am J Physiol (Heart Circ Physiol), **274** (43) : H1-H7, 1998.
The Second Department of Internal Medicine.
- A.645 Yasuharu OHTA, Yukio TANIZAWA, Hiroshi INOUE, Toshio HOSAKA, Kohei UEDA, Akira MATSUTANI, Vez P. REPUNTE, Mitsuhiro YAMADA, Yoshihisa KURACHI, Joseph BRYAN, Lydia AGUILAR-BRYAN, M. Alan PERMUTT, Yoshitomo OKA :
Identification and functional analysis of SUR1 variants in Japanese with non-insulin-dependent diabetes mellitus.
Diabetes, **47** (3) : 476-481, 1998.
The Third Department of Internal Medicine,
Metabolism Division, Washington University, School of Medicine,
Department of Pharmacology II, Osaka University, Faculty of Medicine,
Department of Cell Biology , Baylor College of Medicine,
Department of Medicine, Baylor College of Medicine.
- A.646 Senri KATO, Toshikazu GONDO, Yoshinobu HOSHII, Mutsuo TAKAHASHI, Michio, YAMADA, and Tokuhiko ISHIHARA :
Confocal observation of senile plaques in Alzheimer's disease senile plaque morphology and relationship between senile plaques and astrocytes
Pathol Int, **48** (5) : 332-340, 1998.
Department of Psychiatric Medicine,
Department of Surgical Pathology.
- A.647 Toru YASUNAGA, Susumu FURUKAWA, Noriyuki KATSUMATA, Reiko HORIKAWA, Toshiaki TANAKA, Ayako TANAE, and Itsuro HIBI :
Nutrition related hormonal changes in obese children.
Endocr J, **45** (2) : 221-227, 1998.
Department of Pediatrics.
- A.648 Hiroshi ITO, Kimikazu HAMANO, Tetsuo FUKUMOTO, Kathryn J WOOD, D. PHIL, and Kensuke ESATO :
Bidirectional blockade of CD4 and MHC class II molecules : An effective immunosuppressive treatment in the mouse heart transplantation model.
J Heart Lung Transplant, **17** (5) : 460-469, 1998.
The First Department of Surgery,
The First Department of Anatomy,
Nuffield Department of Surgery, University of Oxford, John Radcliffe Hospital.
- A.649 Hiroyasu KOIZUMI, Hirosuke FUJISAWA, Haruhide ITO, Tsuyoshi MAEKAWA, Xiao DI, Ross BULLOCK :

- Effects of mild hypothermia on cerebral blood flow-independent changes in cortical extracellular levels of amino acids following contusion trauma in the rat.
Brain Res, **747** (2) : 304-312, 1997.
Department of Neurosurgery
Department of Critical Care and Emergency Medicine
Division of Neurosurgery, Medical College of Virginia.
- A.650 Satoshi OKITA, Satoshi KONDOH, Kei SHIRAIISHI, Seiji KAINO, Satoko HATANO, and Kiwamu OKITA :
Expression of vascular endothelial growth factor correlates with tumor progression in gallbladder cancer
Int J Oncol, **12** (5) : 1013-1018, 1998.
The First Department of Internal Medicine.
- A.651 Sachiko FURUTANI :
Changes in extracellular matrix components after excimer laser photoablation in rat cornea. (In Japanese)
J Ophthalmol Opt Soc Jpn, **102** (4) : 229-238, 1998.
Department of Ophthalmology.
- A.652 Ken-ichi SAKAMOTO, Hirosuke FUJISAWA, Hiroyasu KOIZUMI, Eiji TSUCHIDA, Haruhide ITO, Daikai SADAMITSU, and Tsuyoshi MAEKAWA :
Effects of mild hypothermia on nitric oxide synthesis following contusion trauma in the rat.
J Neurotrauma, **14** (5) : 349-353, 1997.
Department of Neurosurgery,
Department of Critical Care and Emergency Medicine.
- A.653 Yong-Shik YOON, Takafumi NOMA, Yasuhiro YAMASHIRO, Haruhide ITO, and Atsushi NAKAZAWA :
Molecular cloning and characterization of the gene encoding human Neuro D.
Neurosci Lett, **251** (1) : 17-20, 1998.
The Second Department of Biochemistry,
Department of Neurosurgery.
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- B.834 Sumihiko NAWATA, Kazuro SUGI, Kazuhiro UEDA, Kouichi NAWATA, Yoshikazu KANEDA, and Kensuke ESATO :
Prostacyclin analog OP2507 prevents pulmonary arterial and airway constriction during lung preservation and reperfusion.
J Heart Lung Transplant, **15** (5) : 470-474, 1996.
The First Department of Surgery.
- B.835 Kimio NIBU :
Comparative anatomy of spinal anterior and posterior longitudinal ligament. (In Japanese)
Yamaguchi Med J, **46** (1) : 15-22, 1997.
Department of Orthopaedics.
- B.836 M. TAKEMOTO, M. TSUCHIDA, M. KONISHI, A. SUGA, K. JOJIMA, and K. NAITO :
Effect of oral adsorbent AST-120 on cyclosporin absorption in rats.

- J Pharm Pharmacol, **49** (7) : 657-660, 1997.
Department of Urology.
- B.837 Masaki YOKOTA, Muhanmad Golan MORSHED, Teruko NAKAZAWA, and Hisanori KONISHI :
Protective activity of *Borrelia duttonii* - specific immunoglobulin subclasses in mice.
J Med Microbiol, **46** (8) : 675-680, 1997.
Department of Microbiology.
- B.838 Kazuki HARADA, Shiro FUKUDA, Manabu KUNIMOTO, and Ken-ichi YOSHIDA :
Distribution of ankyrin isoforms and their proteolysis after ischemia and reperfusion in rat brain.
J Neurochem, **69** (1) : 371-376, 1997.
Department of Legal Medicine,
Department of Anesthesiology and Resuscitology,
Environmental Health Sciences Division, National Institute for Environmental Studies.
- B.839 Junko HIRO, Takafumi HIRO, Cheryl L. REID, Ramin EBRAHIMI, Masunori MATSUZAKI, and Julius M. GARDIN :
Safety and results of dobutamine stress echocardiography in women versus men and in patients older and younger than 75 years of age.
Am J Cardiol, **80** (8) : 1014-1020, 1997.
The Division of Cardiology, Department of Medicine, University of California, Irvine,
The Second Department of Internal Medicine.
- B.840 Atsushi MATSUBARA, Yukio TANIZAWA, Akira MATSUTANI, Toshio KANEKO, and Kohei KAKU :
Sequence variations of the pancreatic islet/liver glucose transporter (GLUT2) gene in Japanese subjects with non-insulin dependent diabetes mellitus.
J Clin Endocrinol Metab, **80** (11) : 3131-3135, 1995.
The Third Department of Internal Medicine.
- B.841 Junichi IMAIZUMI :
Placebo effects on nocturnal sleep in normal humans. (In Japanese)
Yamaguchi Med J, **39** (2) : 291-300, 1996.
Department of Neuropsychiatry.
- B.842 Yukio ABE :
The experimental study of peripheral nerve adhesion and excursion. (In Japanese)
The Central Japan Journal of Orthopedic & Traumatic Surgery, **39** (2) : 291-300, 1996.
Department of Orthopedic Surgery.
- B.843 Masayuki KATO :
A study of magnetic stimulation in patients with clinically diagnosed corticobasal degeneration. (In Japanese)
Clin Neurol, **37** : 969-975, 1997.
Department of Neurology.

- B.844 Hideo TAKEUCHI, Yasushi INOUE, Hisamitsu ISHIHARA, Yoshitomo OKA :
Overexpression of either liver type or pancreatic b cell type glucokinase via recombinant adenovirus enhances glucose oxidation in isolated rat hepatocytes.
FEBS Lett, **393** (1) : 60-64, 1996.
The Third Department of Internal Medicine,
The Third Department of Internal Medicine, Faculty of Medicine, University of Tokyo.
- B.845 Masahiro KAWASAKI, Kohsuke SASAKI, Takutomo SATOH, Akira KUROSE, Tomomi KAMADA, Tomoko FURUYA, Tomoyuki MURAKAMI, and Takeshi TODOROKI :
Laser scanning cytometry (LCS) allows detailed analysis of the cell cycle in PI stained human fibroblasts (TIG-7).
Cell Prolif, **30** (34) : 139-147, 1997.
Department of Pathology,
Chromosome Research Center, Olympus Optical Co.,
Department of Pathology, Iwate Medical University,
Department of Surgery, Institute of Clinical Medicine, University of Tsukuba.
- B.846 Toru HIROTA :
Ultrastructural study of anti-tumor effects of tamoxifen in two malignant melanoma patients.
J Dermatol, **24** (7) : 441-450, 1997.
Department of Dermatology.
- B.847 Fumihito NOMA :
Assessment of graft rejection by measuring the residual myocardial area using a rat heart transplantation model. (In Japanese)
Jpn J Cardiovasc Surg, **25** (4) : 240-244, 1996.
The First Department of Surgery.
- B.848 Masayuki GOTOH :
Pollution due to trichloroacetic acid in clams (*Tapes japonica*). (In Japanese)
Yamaguchi Med J, **45** (5) : 313-324, 1996.
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- B.849 Toshiaki SHIIGI, Yuji FURUTANI, Yasuma NAKAMURA, Hiroshi NAKAMURA, Masahiko HARADA, Takeshi YAMAMOTO, Akihiko SHIMIZU, and Masunori MATSUZAKI :
Relative usefulness of measures of heart rate variability and neuroendocrine activity as indicators of autonomic nervous abnormality in patients with left ventricular dysfunction.
Jpn Circ J, **62** (5) : 336-340, 1998.
The Second Department of Internal Medicine.
- B.850 Fujio KAWAKAMI :
Preoperative planning for socket position in total hip arthroplasty. (In Japanese)
Yamaguchi Med J, **46** (6) : 363-369, 1997.
Department of Orthopaedic Surgery.
- B.851 Y. FUJII, S. NAKAMURA, H. ITO :
Developmental changes in the electrical activity of locus coeruleus neurons during

- cortical spreading depression.
Developmental Brain Research, **104** (1-2) : 91-100, 1997.
The Second Department of Physiology,
Department of Neurosurgery.
- B.852 Susumu KAKINUMA, Hiroshi NOGAKI, Bimalendu PRAMANIK, and Mitsunori MORIMATSU :
Muscle weakness in Parkinson's disease : Isokinetic study of the lower limbs.
Eur Neurol, **39** (4) : 218-222, 1998.
Department of Neurology.
- B.853 Yoichiro NISHIMURA, Yasushi INOUE , Hideo TAKEUCHI, and Yoshitomo OKA :
Acute effects of pioglitazone on glucose metabolism in perfused rat liver.
Acta Diabetol, **34** (3) : 206-210, 1997.
The Third Department of Internal Medicine.
- B.854 Junko YONEDA :
Study of difficulties in sitting and standing in the elderly for fall prevention - surface electromyograms and impression of difficulties in sitting on and standing up from different portable toilets. (In Japanese)
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Department of Hygiene.
- B.855 Singo HIGAKI, Makoto NISHIAKI, Nobuyuki MITANI, Hideo YANAI, Masahiro TADA, and Kiwamu OKITA :
Effectiveness of local endoscopic resection of rectal carcinoid tumors.
Endoscopy, **29** (3) : 171-175, 1997.
The First Department of Internal Medicine.
- B.856 Takayuki KUGA, Kensuke ESATO, Nobuya ZEMPO, Kentaro FUJIOKA, and Koyukuki NAKAMURA :
Detection of type III collagen fragments in specimens of abdominal aortic aneurysms.
Jpn J Surg, **28** (4) : 385-390, 1998.
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The First Department of Biochemistry.
- B.857 K. Kanaya, M. Takahashi :
Long-term rail stance training in healthy young adult women.
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Department of Otorhinolaryngology.
- B.858 Masaaki NOBUMOTO, Mamoru YAMADA, Shaochuen SONG, Sachiye INOUYE, and Atsushi NAKAZAWA :
Mechanism of mitochondrial import of adenylate kinase isozymes.
J Biochem, **123** (1), 128-135, 1998.
Center for Gene Research,
The Second Department of Biochemistry.
- B.859 Naomi IKUTA :
Proton magnetic resonance spectroscopy and single photon emission CT in patients with olivopontocerebellar atrophy. (In Japanese)

Clin Neurol, **38** (4) : 289-294, 1998.

Department of Neurology.

B.860 Yoshikazu TADA, Hidetoshi TSUBOI, Kazuhiro SUZUKI, Tomoe KATOH, Nobuya ZEMPO, Yoshihiko FUJIMURA, and Kensuke ESATO :

The response of blood flow between the internal thoracic and ileocecal arteries to inotropic agents in a canine model.

Jpn J Surg, **28** (1) : 70-75, 1998.

The First Department of Surgery.

B.861 Yasuo TAKEUCHI, Akira MATSUTANI, and Yoshitomo OKA :

Detection of variants in the mitochondrial glycerophosphate dehydrogenase gene in Japanese NIDDM patients.

Diabetologia, **40** (3) : 339-343, 1997.

The Third Department of Internal Medicine.