

Bull Yamaguchi Med Sch 45(1-4) : 63 -70, 1998

### List of Doctoral Dissertations in 1997

- A.590 Hiroyoshi OGASA, Takafumi NOMA, Hidenori MURATA, Shinya KAWAI, and Atsushi NAKAZAWA :  
Cloning of a cDNA encoding the human transforming growth factor- $\beta$  type II receptor: heterogeneity of the mRNA.  
Gene, **181**(1-2) : 185-190, 1996.  
The Second Department of Biochemistry,  
Department of Orthopedic Surgery.
- A.591 Kousuke KATSUBE, Kazuteru DOI, Tetsuo FUKUMOTO, Yoshihisa FUJIKURA, Mitsunori SHIGETOMI, and Shinya KAWAI :  
Nerve regeneration and origin of Schwann cells in peripheral nerve allografts in immunologically pretreated rats.  
Transplantation, **62**(11) : 1643-1649, 1996.  
Department of Orthopaedic Surgery,  
The First Department of Anatomy.
- A.592 Yasunobu KAWATA :  
Effect of an angiotensin-converting enzyme inhibitor on smooth muscle myosin isoforms in afferent arterioles from spontaneously hypertensive rats.  
Bull Yamaguchi Med Sch, **43**(3-4) : 99-106, 1996.  
The Second Department of Internal Medicine.
- A.593 Katsumi HIRONAKA :  
Assessment of in vivo aortic wall characteristics at the early stage of atherosclerosis in rabbits.  
Bull Yamaguchi Med Sch, **43**(3-4) : 91-98, 1996.  
The Second Department of Internal Medicine.
- A.594 Shuji TERAII, Takafumi NOMA, Teruaki KIMURA, Atsushi NAKAZAWA, Fumie KUROKAWA, and Kiwamu OKITA :  
Wild-type p53 gene-induced morphological changes and growth suppression in hepatoma cells.  
J. Gastroenterol, **32**(3) : 330-337, 1997.  
The First Department of Internal Medicine,  
The Second Department of Biochemistry.
- A.595 Masahiko NAKATA :  
Doppler-velocity waveforms in ductus venosus in normal and small-for-gestational-age fetuses.  
J Obstet Gynaecol Res, **22**(5) : 489-496, 1996.  
Department of Obstetrics and Gynecology.
- A.596 Shumpei AOYAGI :  
Influence of left ventricular systolic function and R-R interval on pulmonary venous flow in patients with atrial fibrillation. (In Japanese)  
Yamaguchi Med J, **45**(6) : 409-417, 1996.

The Second Department of Internal Medicine.

A.597 Hironari TATSUNO :

Effects of ischemic preconditioning on ventricular function and ryanodine receptors of cardiac sarcoplasmic reticulum in dogs.

Bull Yamaguchi Med Sch, **43**(3-4) : 63-71, 1996.

The Second Department of Internal Medicine.

A.598 Takuhisa MATSUO :

Layer specific erythrocyte density in the somatosensory cortex of mice, and its age-related changes. (In Japanese)

Yamaguchi Med J, **45**(6) : 391-399, 1996.

Department of Neuropsychiatry.

A.599 Shuji TOYOTA :

The influence of adventitial injury on intimal hyperplasia in rabbit carotid artery. (In Japanese)

Yamaguchi Med J, **45**(6) : 401-408, 1996.

The First Department of Surgery.

A.600 Takuo IKEDA, and Masahiro TAKAHASHI :

Active posture control during experimental motion sickness in guinea pigs.

Acta Otolaryngol, **117**(6) : 815-818, 1997.

Department of Otolaryngology.

A.601 Kenji MURANAKA :

Derangements of neuronal activity and synaptic transmission following forebrain ischemia in rats : Modification with graded hypothermia and burst-suppression dose of thiopental. (In Japanese)

Yamaguchi Med J, **46**(1) : 1-13, 1997.

Department of Anesthesiology-Resuscitology.

A.602 Katsuhiko IMOTO :

Quantitative analysis of spermatogenic DNA synthesis in the rat using a monoclonal antibody against proliferating cell nuclear antigen (PCNA).

Jpn J Fertil Steril, **42**(1) : 59-66, 1997.

Department of Urology.

A.603 Keiji TAKEUCHI :

Immunohistochemical demonstration of nerves containing protein gene product 9.5 (PGP 9.5) and neuropeptides in the mouse kidney.

Bull Yamaguchi Med Sch, **44**(1-2) : 1-9, 1997.

Department of Urology.

A.604 Shigeru SAKANO, Tomoyuki SHIMABUKURO, Yasukazu OHMOTO, and Katsusuke NAITO :

Cytokine-mediated antitumor effect of OK-432 on urinary bladder tumor cells in vitro.

Urol Res, **25**(4) : 239-245, 1997.

Department of Urology,  
Laboratories of Cellular Technology, Otsuka Pharmaceutical Co. Ltd.

A.605 Kazuyuki SHIRAKAWA :

- Effects of ischemic preconditioning on apoptotic cell death in ischemia-reperfused rat hearts.  
Bull Yamaguchi Med Sch, **43**(3-4) : 73-78, 1996.  
The Second Department of Internal Medicine.
- A.606 Chieko NAWATA :  
Three-dimensional reconstruction of the thoracic descending aorta with multiplane transesophageal echocardiography. (In Japanese)  
Yamaguchi Med J, **45**(6) : 419-427, 1996.  
The Second Department of Internal Medicine.
- A.607 Akihisa FUJII :  
Comparative effects of angiotensin II type 1 receptor blockade with angiotensin-converting-enzyme inhibitor on aortic smooth muscle cell phenotype in spontaneously hypertensive rats.  
Bull Yamaguchi Med Sch, **43**(3-4) : 117-125, 1996.  
The Second Department of Internal Medicine.
- A.608 Johji SASAKI :  
The effect of hyperkalemic cardioplegia containing nitroglycerin or diltiazem hydrochloride on hypertrophied myocardial protection.  
Bull Yamaguchi Med Sch, **43**(3-4) : 107-115, 1996.  
The First Department of Surgery.
- A.609 Mitsutoshi KAWAMURA :  
Expression of p53 protein in colorectal tumorigenesis. (In Japanese)  
J Jpn Soc Colo-Proctol, **50**(4) : 227-233, 1997.  
Department of Radiology.
- A.610 Yu-Hsueh WANG :  
Analysis of a monoclonal antibody against fetal rat liver cells. (In Japanese)  
Yamaguchi Med J, **45**(5) : 325-334, 1996.  
The First Department of Anatomy.
- A.611 Rehana Sultana LOVELY, Yu-Hsueh WANG, Nobuko TOKUDA, Tomoo SAWADA, Yoshihisa FUJIKURA, and Tetsuo FUKUMOTO :  
Analysis of fetal rat liver using monoclonal antibodies.  
Anat Rec, **246** : 394-402, 1996.  
The First Department of Anatomy.
- A.612 Muneko OKAZAKI, Keisuke HINO, Kaori FUJII, Nobuyuki KOBAYASHI, and Kiwamu OKITA :  
Hepatic Fas antigen expression before and after interferon therapy in patients with chronic hepatitis C.  
Dig Dis Sci, **41**(12) : 2453-2458, 1996.  
The First Department of Internal Medicine,  
Department of Virology and Parasitology.
- A.613 Miyuki KAINO :  
Alterations in the tumor suppressor genes *p53*, *RB*, *p16/MTS1*, and *p15/MTS2* in human pancreatic cancer and hepatoma cell lines.  
J Gastroenterol, **32**(1) : 40-46, 1997.  
The First Department of Internal Medicine.

- A.614 Atsuko NAGATOMI, Isao SAKAIDA, Yasuhiro MATSUMURA, and Kiwamu OKITA :  
Cytoprotection by glycine against hypoxia-induced injury in cultured hepatocytes.  
Liver, **17**(2) : 57-62, 1997.  
The First Department of Internal Medicine.
- A.615 Toshiya HARADA, Tomoharu YOSHIDA, Toshinori SHIGEMITSU, Yoshifumi TAKEO, Masahiro TADA, and Kiwamu OKITA :  
Therapeutic results of endoscopic variceal ligation for acute bleeding of oesophageal and gastric varices.  
J Gastroenterol Hepatol, **12**(4) : 331-335, 1997.  
The First Department of Internal Medicine.
- A.616 Kaori FUJII, Keisuke HINO, Muneko OKAZAKI, Michiari OKUDA, Satoshi KONDOH, and Kiwamu OKITA :  
Differences in hypervariable region 1 quasispecies of hepatitis C virus between human serum and peripheral blood mononuclear cells.  
Biochem Biophys Res Commun, **225** : 771-776, 1996.  
The First Department of Internal Medicine.
- A.617 Shomei RYOZAWA, Hidenobu WATANABE, Minoru ABE, Yoichi AJIOKA, Ken NISHIKURA, and Kiwamu OKITA :  
Macroscopic and stereomicroscopic diagnosis of superficial flat type early carcinomas of the gallbladder.  
J Gastroenterol, **32**(5) : 635-642, 1997.  
The First Department of Pathology, Niigata Univ. School of Medicine,  
The First Department of Internal Medicine,  
Department of Internal Medicine, Sanjyo General Hospital. Niigata.
- A.618 Shuji WASAKI, Isao SAKAIDA, Koichi UCHIDA, Teruaki KIMURA, Kozo KAYANO, and Kiwamu OKITA :  
Preventive effect of cyclosporin A on experimentally induced acute liver injury in rats.  
Liver, **17**(2) : 107-114, 1997.  
The First Department of Internal Medicine.
- A.619 Yuji HISAMATSU, Tomoko OHKUSA, Yasuki KIHARA, Moriaki INOKO, Takeshi UEYAMA, Masafumi YANO, Shigetake SASAYAMA, and Masunori MATSUZAKI :  
Early changes in the functions of cardiac sarcoplasmic reticulum in volume-overloaded cardiac hypertrophy in rats.  
J Mol Cell Cardiol, **29**(4) : 1097-1109, 1997.  
The Second Department of Internal Medicine,  
Department of Cardiovascular Medicine, Kyoto Univ. Graduate School of Medicine.
- A.620 Manabu HASHIMOTO :  
Analysis on the polymorphism of apolipoprotein E in cerebrospinal fluid and sera of Alzheimer's disease patients by gel electrophoresis methods. (In Japanese)  
Yamaguchi Med J, **46**(1) : 39-51, 1997.  
Department of Neuropsychiatry.
- A.621 Shin-ichi HARA :  
Oxidative modification of apolipoprotein E3 and its modulation by heparin binding.

- (In Japanese)  
Yamaguchi Med J, **46**(1) : 53-63, 1997.  
Department of Neuropsychiatry.
- A.622 Fang-Xin WANG :  
Experimental gene therapy for cancer using tumor cells engineered to secrete interleukin-15. (In Japanese)  
Yamaguchi Med J, **46**(1) : 29-38, 1997.  
The Second Department of Surgery.
- A.623 Hiroko FURUMOTO :  
Polymorphism of apolipoprotein E and occurrence of psoriasis vulgaris. (In Japanese)  
Yamaguchi Med J, **46**(1) : 23-28, 1997.  
Department of Dermatology.
- A.624 Shinko YASUHARA, Shiro KASHIWAGI, Haruhide ITO, and Akira AWAYA :  
The neurotrophic pyrimidine heterocyclic compound MS-818 promotes the angiogenesis induced by basic FGF.  
Int J Clin Pharm Res, **15**(5-6) : 167-174, 1995.  
Department of Neurosurgery,  
Institute of Biological Science, Mitsui Pharmaceuticals, Inc., Tokyo.
- A.625 Yoshinori OHMOTO, Hirosuke FUJISAWA, Toshizou ISHIKAWA, Hiroyasu KOIZUMI, Tadayoshi MATSUDA, and Haruhide ITO :  
Sequential changes in cerebral blood flow, early neuropathological consequences and blood-brain barrier disruption following radiofrequency-induced localized hyperthermia in the rat.  
Int J Hyperthermia, **12**(3) : 321-334, 1996.  
Department of Neurosurgery,  
Department of Anesthesiology-Resuscitology,  
Department of Radiology, Tokyo Metropolitan Komagome Hospital.
- A.626 Shumin WEN, Norio SHIMIZU, Hironori YOSHIYAMA, Yuzo MIZUGAKI, Fumihiiko SHINOZAKI, and Kenzo TAKADA :  
Association of Epstein-Barr virus (EBV) with Sjögren's syndrome ; Differential EBV expression between epithelial cells and lymphocytes in salivary glands.  
Am J Pathol, **149**(5) : 1511-1517, 1996.  
Department of Oral and Maxillofacial Surgery,  
Department of Virology and Parasitology,  
Department of Virology, Cancer Institute, Hokkaido University School of Medicine.
- A.627 Kohtarou YAMAMOTO, Masaaki OKA, Hiroto HAYASHI, Akira TANGOKU, Toshikazu GONDO, Takashi SUZUKI :  
CYFRA 21-1 is a useful marker for esophageal squamous cell carcinoma.  
Cancer, **79**(9) : 1647-1655, 1997.  
The Second Department of Surgery,  
The First Department of Pathology.
- A.628 Mioko ONO, Yasuhiko NAKAMURA, Hiroshi TAMURA, Shuji TAKIGUCHI, Norihiro SUGINO, and Hiroshi KATO :  
Role of interleukin-1 $\beta$  in superovulation in rats.

- Endocr J, **44**(6) : 797-804, 1997.  
Department of Obstetrics and Gynecology.
- A.629 Yasuhiro MATSUMURA, Isao SAKAIDA, Koichi UCHIDA, Teruaki KIMURA, Tokuhiko ISHIHARA, and Kiwamu OKITA :  
Prolyl 4-hydroxylase inhibitor (HOE 077) inhibits pig serum-induced rat liver fibrosis by preventing stellate cell activation.  
J Hepatol, **27** : 185-192, 1997.  
The First Department of Internal Medicine,  
The First Department of Pathology.
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- B.817 Izumi HIRAOKA :  
Effects of lidocaine and its metabolite, monoethylglycine xylidide (MEGX), on maximum rate of rise ( $V_{max}$ ) of action potential upstroke in guinea-pig papillary muscles. (In Japanese)  
Yamaguchi Med J, **45**(4) : 245-256, 1996.  
Department of Anesthesiology-Resuscitology.
- B.818 Junji NAKANO, Bhaskara K. Mohan RAJ, Chidori ASAGAMI, and Kenneth O. LLOYD :  
Human melanoma cell lines deficient in  $GD_3$  ganglioside expression exhibit altered growth and tumorigenic characteristics.  
J Invest Dermatol, **107** : 543-548, 1996.  
Immunology Program, Memorial Sloan-Kettering Cancer Center, New York,  
Department of Dermatology.
- B.819 Hiroshi TATEISHI :  
Physical parameters in newborn Japanese infants, term and preterm.  
Bull Yamaguchi Med Sch, **43**(1-2) : 17-25, 1996.  
Department of Pediatrics.
- B.820 Masao TAJIRI :  
A histopathological evaluation of the influence of W/O urea on the penetration kinetics of topically applied triamcinolone acetonide into human pathological skin. (In Japanese)  
Nishinohon J Dermatol, **58**(2) : 271-277, 1996.  
Department of Dermatology.
- B.821 Kaoru NODA, Akira MATSUTANI, Yukio TANIZAWA, Rosalind NEUMAN, Toshio KANEKO, M. Alan PERMUTT, and Kohei KAKU :  
Polymorphic microsatellite repeat markers at the glucokinase gene locus are positively associated with NIDDM in Japanese.  
Diabetes, **42** : 1147-1152, 1993.  
The Third Department of Internal Medicine,  
Metabolism Division and Department Psychiatry, Washington University School of Medicine.
- B.822 Marie OGASAWARA :  
An ultrastructural study of pemphigoid vegetans, characterizing the possible mechanism of vegetation.

- Med Electron Microsc, **30**(1) : 48-54, 1997.  
Department of Dermatology.
- B.823 Nobuyuki KANEKO :  
Statistical analysis of studies on seborrheic keratosis in the past 10 years. (In Japanese)  
Jpn J Dermatol, **107**(4) : 529-535, 1997.  
Department of Dermatology.
- B.824 Hironobu ISHIYAMA, Keiki OGINO, and Tatsuya HOBARA :  
Role of Kupffer cells in rat liver injury induced by diethyldithiocarbamate.  
Eur J Pharmacol;Environmental Toxicology and Pharmacology Section, **292** : 135-141,  
1995.  
Department of Public Health.
- B.825 Masatsugu NAKAMURA, Keiko OFUJI, Tai-ichiro CHIKAMA, and Teruo NISHIDA :  
The NK<sub>1</sub> receptor and its participation in the synergistic enhancement of corneal  
epithelial migration by substance P and insulin-like growth factor-1.  
Br J Pharmacol, **120** : 547-552, 1997.  
Department of Ophthalmology.
- B.826 Naoki FUJITA, Kohei KAKU, Masashi OKUBO, Yuji NAGASAKA, and Toshio KANEKO :  
Insulin stimulates protein synthesis of glycogen synthase in rat hepatoma H4 cells  
associated with acceleration of translation rate.  
Endocr J, **43**(3):313-320, 1996.  
The Third Department of Internal Medicine,  
The First Department of Biochemistry,  
Internal Medicine, Yamaguchi Rosai Hospital.
- B.827 Michihide KAWANO :  
Influence of chronic ethanol treatment in mice on seizure thresholds of convulsant  
drugs.  
Yamaguchi Med J, **46**(2) : 111-120, 1997.  
Department of Neuropsychiatry.
- B.828 Takeshi FUJITA, Katsuyoshi ITO, Takashi CHOJI, Kazumitsu HONJO, Takeshi ARITA, Naofumi MATSUNAGA :  
Hepatic parenchymal changes after ethanol injection in rabbits : correlation of  
conventional and dynamic MR imaging with pathologic findings.  
J Magn Reson Imaging, **6**(1) : 156-161, 1996.  
Department of Radiology.
- B.829 Nobuko TOKUDA, Yoshihisa FUJIKURA, Tomoo SAWADA, Yukio OHBA, and Tetsuo FUKUMOTO :  
Changes in the distribution and intensity of alkaline phosphatase activity in rat lymph  
node and spleen cells after antigen stimulation.  
Acta Anat, **151** : 54-61, 1994.  
The First Department of Anatomy.
- B.830 Masamichi ITA :  
Cytometric study of cell cycle perturbation and cell death induced by cisplatin in oral

cancer cell lines. (In Japanese)

Jpn J Oral Maxillofac Surg, **43**(4) : 280-294, 1997.

Department of Oral and Maxillofacial Surgery.

B.831 Norio EGAMI :

The role of extracellular calcium on zinc hydroxide-induced superoxide production in rat neutrophils.

Bull Yamaguchi Med Sch, **43**(3-4) : 83-89, 1996.

Department of Public Health.

B.832 Yasunori HATTORI, Kazuteru DOI, Yasunori FUCHIGAMI, Yukio ABE, and Shinya KAWAI :

Experimental study on donor nerves for brachial injury : Comparison between the spinal accessory nerve and the intercostal nerve.

Plast Reconstr Surg, **100**(4) : 900-906, 1997.

Department of Orthopedic Surgery.

B.833 Masako MIURA :

Eye movements and motion sickness evoked by Coriolis acceleration. (In Japanese)

Equilibrium Res, **56**(4) : 338-346, 1997.

Department of Otolaryngology.