

## List of Doctoral Dissertations in 2004

- A. 908 Hiroshi SAEKI, Mishiya MATSUMOTO, Shunichi KANEKO, Shunsuke TSURUTA, Ying jun CUI, Kazunobu OHTAKE, Kazuyoshi ISHIBA and Takefumi SAKABE:  
Is intrathecal magnesium sulfate safe and protective against ischemic spinal cord injury in rabbits?  
*Anesthesia & Analgesia*, 2004, in press.  
Department of Anesthesiology-Resuscitology, Yamaguchi University School of Medicine.
- A. 909 Makoto KUBO, Seiji UMEMOTO, Kozo FUJII, Shinichi ITOH, Masakazu TANAKA, Shinji KAWAHARA and Masunori MATSUZAKI:  
Effects of AT<sub>1</sub> Receptor Antagonist on Smooth Muscle Cell Phenotype in Intramyocardial Arteries from SHR.  
*Hypertension Research*, **27**(34), 2004, in press.  
Department of Cardiovascular Medicine, Yamaguchi University Graduate School of Medicine.
- A. 910 Yumie OGASAWARA, Masataro HIRUMA, Masahiko MUTO and Hideoki OGAWA:  
Clinical and mycological study of occult tinea pedis and tinea unguium in dermatological patients from Tokyo.  
*Mycoses*, **46**(3-4) : 114-119, 2003.  
Department of Dermatology and Biomolecular Recognition, Yamaguchi University.
- A. 911 Hidehiro TSUNEOKA, Akiko UMEDA, Masato TSUKAHARA and Kohsuke SASAKI:  
Evaluation of Indirect Fluorescence Antibody Assay for Detection of *Bartonella clarridgeiae* and Seroprevalence of *B. clarridgeiae* among Patients with Suspected Cat Scratch Disease.  
*Journal of Clinical Microbiology*, **42**(7) : 3346-3349, 2004.  
Department of Pathology and Faculty of Health Sciences, Yamaguchi University School of Medicine.
- A. 912 Mikiko FUKUI, Tomoko NAKANO-HASHIMOTO, Yuichi MURATA, Yutaka SUEHIRO, Yuichiro HAMANAKA, Hiroshi YAMASHITA, Kohzoh IMAI, Michio M. KAWANO and Yuji HINODA:  
Therapeutic effect of dendritic cells loaded with a fusion mRNA encoding tyrosinase-related protein 2 and enhanced green fluorescence protein on B16 melanoma.  
*Tumor Biology*, **25**, 2004, in press.  
Department of Clinical Laboratory Science, Yamaguchi University School of Medicine.
- A. 913 Noriko INOUE, Tomoko OHKUSA, Tomoko NAO, Jong-Kook LEE, Tomo MATSUMOTO, Yuji HISAMATSU, Takashi SATOH, Masafumi YANO, Kenji YASUI, Itsuo KODAMA and Masanori MATSUZAKI:  
Rapid Electrical Stimulation of Contraction Modulates Gap-Junction Protein in Neonatal Rat Cultured Cardiomyocytes: Involvement of Mitogen-Activated Protein Kinases and Effects of AngiotensinII-Receptor Antagonist.

- Journal of the American College of Cardiology, 2004, in press.  
Division of Cardiovascular Medicine, Department of Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 914 Yoko HAMADA, Nobuaki TANAKA, Kazuya MURATA, Akira TAKAKI, Yasuaki WADA, Rikimaru OYAMA, Jinyao LIU, Nozomu HARADA, Sinichi OKUDA, Yasuyuki HADANO and Masunori MATSUZAKI:  
Significance of predischARGE BNP on one-year outcome in decompensated heart failure-comparative study with echo-Doppler indexes.  
Journal of Cardiac Failure, 2004, in press.  
Division of Cardiovascular Medicine, Department of Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 915 Nozomu HARADA, Toshio MIURA, Yuka DAIRAKU, Ryosuke KAMETANI, Masaki SHIBUYA, Ruijuan WANG, Shuji KAWAMURA and Masanori MATSUZAKI:  
NO Donor-Activated PKC- $\delta$  Plays a Pivotal Role in Ischemic Myocardial Protection through Accelerated Opening of Mitochondrial K-ATP Channels.  
Journal Cardiovascular Pharmacology, **43**(6), 2004, in press.  
Department of Cardiovascular Medicine, Yamaguchi University Graduate School of Medicine.
- A. 916 Kyoko NAMIKAWA:  
Meta-analytical Summary to Identify Obesity Risks in Schoolchildren.  
The Bulletin of the Yamaguchi Medical School, **51**(1-2), 2004, in press.  
Department of Medical Humanities, Graduate School of Medicine, Yamaguchi University.
- A. 917 Yasuhiko KAWAKAMI, Kazuyoshi SUGA, Tomio YAMASHITA, Hideyuki IWANAGA, Mohammed ZAKI and Naofumi MATSUNAGA:  
Initial application of respiratory-gated  $^{201}\text{TI}$  SPECT in pulmonary malignant Tumours.  
Nuclear Medicine Communications, 2005, in press.  
Department of Radiology, Yamaguchi University School of Medicine.
- A. 918 Shuichi KANEKO, Mishiya MATSUMOTO, Shunsuke TSURUTA, Takao HIRATA, Toshikazu GONDO and Takefumi SAKABE:  
The Nerve Root Entry Zone is Highly Vulnerable to Intrathecal Tetracaine in Rabbits.  
Anesthesia and Analgesia, 2005, in press.  
Department of Anesthesiology-Resuscitology and Surgical Pathology, Yamaguchi University School of Medicine.
- A. 919 Atsuhiko ARAKI, Shoichi HAZAMA, Kiyoshi YOSHIMURA, Shigefumi YOSHINO, Norio IIZUKA and Masaaki OKA:  
Tumor secreting high levels of IL-15 induces specific immunity to low immunogenic colon adenocarcinoma via CD8<sup>+</sup> T cells.  
International Journal of Molecular Medicine, **14**(4) : 571-576, 2004.  
Department of Surgery II.
- A. 920 Shangqin LIU:  
Inhibition of IL-6 production and proliferation, and induction of apoptosis in human

Myeloma cells.

Shangqin LIU, Hideaki ISHIKAWA, Fu-jun LI, Ken-ichiro OTSUYAMA, Hideki ASAOKU, Saeid ABROUN, Xu ZHENG, Naohiro TSUYAMA, Masanori OBATA and Michio M. KAWANO:

DHEA inhibits the proliferation of myeloma cells and IL-6 production of bone marrow mononuclear cells in myeloma patients.

Cancer Research, 2005, in press.

Department of Bio-Signal Analysis, Graduate School of Medicine, Yamaguchi University.

- A. 921 Kensaku KATSUKI, Mitsuaki FUJIMOTO, Xiu-Ying ZHANG, Hanae IZU, Eiichi TAKAKI, Yukio TANIZAWA, Sachiye INOUE and Akira NAKAI:

Feeding induces expression of heat shock proteins that reduce oxidative stress.

FEBS Letters, **571** : 187-191, 2004.

Department of Biochemistry and Molecular Biology, Yamaguchi University School of Medicine.

- A. 922 Tetsu KUROKAWA:

Sphingosylphosphorylcholine Concentration in the Cerebrospinal Fluid Is Increased after Subarachnoid Hemorrhage in Humans.

Yamaguchi Medical Journal, **54**(1), 2005, in press.

Department of Neurosurgery and Clinical Neuroscience, Yamaguchi University School of Medicine.

- A. 923 Hidenori SUZUKI, Toshihiko TAGUCHI, Hiroshi TANAKA, Hideo KATAOKA, Zhenglin LI, Kenichi MURAKAMI, Toshikazu GONDO and Shinya KAWAI:

Neurospheres induced from bone marrow stromal cells are multipotent for differentiation into neuron, astrocyte, and oligodendrocyte phenotypes.

Biochemical and Biophysical Research Communications, **322**(3) : 918-922, 2004.

Department of Orthopedic Surgery, Yamaguchi University School of Medicine.

- A. 924 Shungo MISUMI:

A functional MRI study of motor-related areas during performed finger tapping in Parkinson's disease.

Yamaguchi Medical Journal, **54**(1), 2005, in press.

Department of Neurology and Clinical Neuroscience, Yamaguchi University School of Medicine.

- A. 925 You-Xin SONG, Keiichi MURAMATSU, Yoko KUROKAWA and Toshihiko TAGUCHI:

Prolonged survival of rat hindlimb allografts following short-course FK506 and mycophenolate mofetil combination therapy.

Microsurgery, **25**, 2005, in press.

Department of Orthopedic Surgery, Yamaguchi University School of Medicine.

- A. 926 Naohiro SAKATA, Yoshinobu HOSHII, Tomomi NAKAMURA, Makiko KIYAMA, Hirofumi ARAI, Masatoshi OMOTO, Mitsunori MORIMATSU and Tokuhiko ISHIHARA:

Colocalization of Apolipoprotein AI in Various Kinds of Systemic Amyloidosis.

Journal of Histochemistry and Cytochemistry, 2005, in press.

Departments of Clinical Neuroscience, Radiopathological Science, and Biomolecular Recognition, Yamaguchi Graduate University School of Medicine.

- A. 927 Katsumi SASAKI, Katsutoshi ITO, Shinji KOIKE, Takeshi FUJITA, Hajime OKAZAKI and Naofumi MATSUNAGA:  
Differentiation between hepatic cyst and hemangioma: Additive value of breath-hold, multisection fluid-attenuated inversion-recovery magnetic resonance imaging using half-Fourier acquisition single-shot turbo-spin-echo sequence.  
*Journal of Magnetic Resonance Imaging*, 2005, in press.  
Department of Radiology, Yamaguchi University School of Medicine.
- A. 928 Kumiko TSUJINO, Masato TSUKAHARA, Hidehiro TSUNEOKA, Kiyoshi ICHIHARA, Tomoko FURUYA, Shigeto KAWAUCHI, Atsunori OGA and Kohsuke SASAKI:  
Clinical implication of prolonged fever in children with cat scratch disease.  
*Journal of Infection and Chemotherapy*, **4**(10) : 227-233, 2004.  
Department of Pathology, Yamaguchi University School of Medicine.
- A. 929 Kaoru OMORI, Shuji TERAJ, Tsuyoshi ISHIKAWA, Kouji AOYAMA, Isao SAKAIDA, Hiroshi NISHINA, Koh SHINODA, Shunji UCHIMURA, Yoshihiko HAMAMOTO and Kiwamu OKITA:  
Molecular signature associated with plasticity of bone marrow cell under persistent liver damage by self-organizing-map-based gene expression.  
*FEBS Letters*, **578**(1-2) : 10-20, 2004.  
Department of Molecular Science and Applied Medicine (Gastroenterology and Hepatology), Yamaguchi University School of Medicine.
- A. 930 Kotaro KAWAGUCHI, Isao SAKAIDA, Masako TSUCHIYA, Kaoru OMORI, Taro TAKAMI and Kiwamu OKITA:  
Pioglitazone prevents hepatic steatosis, fibrosis, and enzyme-altered lesions in rat liver cirrhosis induced by a choline-deficient L-amino acid-defined diet.  
*Biochemical and Biophysical Research Communications*, **315**(1) : 187-195, 2004.  
Department of Gastroenterology and Hepatology, School of Medicine, Yamaguchi University.
- A. 931 Tomoko KITO, Hideo YANAI, Yuki SAITOH, Youhei NAKAMURA, Yoshitaka MATSUBARA, Hideaki KITO, Tomoharu YOSHIDA and Kiwamu OKITA:  
Increased expression of matrix metalloproteinase-7 in invasive early gastric cancer.  
*Journal of Gastroenterology*, **39**(5) : 434-440, 2004.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- A. 932 Hideaki KITO, Shomei RYOZAWA, Tomohiko HARADA, Satoshi KONDOH, Tomoko FURUYA, Shigeto KAWAUCHI, Atsunori OGA, Kiwamu OKITA and Kohsuke SASAKI:  
Comparative genomic hybridization analysis for pancreatic cancer specimens obtained by endoscopic ultrasonography-guided fine-needle aspiration.  
*Journal of Gastroenterology*, 2005, in press.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- A. 933 Taro TAKAMI, Shuji TERAJ, Yuichiro YOKOYAMA, Haruko TANIMOTO, Kuni-hiko TAJIMA, Koichi UCHIDA, Takahiro YAMASAKI, Isao SAKAIDA, Hiroshi NISHINA, Snorri S. THORGEIRSSON and Kiwamu OKITA:  
Human Homologue of Maid Is a Useful Marker Protein in Hepatocarcinogenesis.

- Gastroenterology, 2005, in press.  
Department of Molecular Science and Applied Medicine (Gastroenterology and Hepatology), Yamaguchi University School of Medicine.
- A. 934 Yukari TANIOKA, Tomoharu YOSHIDA, Tomohito YAGAWA, Yasuhiko SAIKI, Saori TAKEO, Toshiya HARADA, Tadashi OKAZAWA, Hideo YANAI and Kiwamu OKITA:  
Matrix metalloproteinase-7 and matrix metalloproteinase-9 are associated with unfavourable prognosis in superficial oesophageal cancer.  
British Journal of Cancer, **1**(8) : 2116-2121, 2003.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- A. 935 Masako TSUCHIYA, Isao SAKAIDA, Mariko OKAMOTO and Kiwamu OKITA:  
The effect of a late evening snack in patients with liver cirrhosis.  
Hepatology Research, 2005, in press.  
Department of Gastroenterology and Hepatology, Yamaguchi, University School of Medicine.
- A. 936 Tomohito YAGAWA, Tomoharu YOSHIDA, Toshiya HARADA, Saori TAKEO, Yasuhiko SAIKI, Yukari TANIOKA, Tadashi OKAZAWA, Sinji NOUMARU, Hiroshi MITUOKA, Takeshi OUTOU, Isao SAKAIDA and Kiwamu OKITA:  
Balloon-occluded retrograde transvenous obliteration for emergency bleeding from solitary gastric varices.  
Hepato-Gastroenterology, 2005, in press.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- A. 937 Toshimasa OKADA, Norio IIZUKA, Hisafumi YAMADA-OKABE, Naohide MORI, Takao TAMESA, Norikazu TAKEMOTO, Akira TANGOKU, Kenji HAMADA, Hironobu NAKAYAMA, Takanobu MIYAMOTO, Shunji UCHIMURA, Yoshihiko HAMAMOTO, Masaaki OKA:  
Gene expression profile linked to *p53* status in hepatitis C virus-related hepatocellular carcinoma.  
FEBS Letters, **555**(3) : 583-590, 2003.  
Department of Surgery II, Yamaguchi University School of Medicine.
- A. 938 Motonari TAKASHIMA, Yasuhiro KURAMITSU, Yuichiro YOKOYAMA, Norio IIZUKA, Toshifusa TODA, Isao SAKAIDA, Kiwamu OKITA, Masaaki OKA and Kazuyuki NAKAMURA:  
Proteomic profiling of heat shock protein 70 family members as biomarkers for hepatitis C virus-related hepatocellular carcinoma.  
Proteomics, **3**(12) : 2487-2493, 2003.  
Department of Surgery II, Yamaguchi University School of Medicine.
- A. 939 Norikazu TAKIMOTO, Norio IIZUKA, Hisafumi YAMADA-OKABE, Kenji HAMADA, Takao TAMESA, Toshimasa OKADA, Kiichiro HASHIMOTO, Kazuhiko SAKAMOTO, Motonari TAKASHIMA, Takanobu MIYAMOTO, Shunji UCHIMURA, Yoshihiko HAMAMOTO and Masaaki OKA:  
Sex-based molecular profiling of hepatitis C virus-related hepatocellular Carcinoma.  
International journal of oncology, 2005, in press.  
Department of Surgery II, Yamaguchi University School of Medicine.

- A. 940 Kiichiro HASHIMOTO, Naohide MORI, Takao TAMESA, Toshimasa OKADA, Shigeto KAWAUCHI, Atsunori OGA, Tomoko FURUYA, Akira TANGOKU, Masaaki OKA and Kohsuke SASAKI:  
Analysis of DNA copy number aberrations in hepatitis C virus-associated hepatocellular carcinomas by conventional CGH and array CGH.  
*Modern Pathology*, **17**(6) : 617-622, 2004.  
Department of Surgery II, Yamaguchi University School of Medicine.
- A. 941 Katsuhiko MATOBA, Norio IIZUKA, Toshikazu GONDO, Tokuhiko ISHIHARA, Hisafumi YAMADA-OKABE, Takao TAMESA, Norikazu TAKEMOTO, Kiichiro HASHIMOTO, Kazuhiko SAKAMOTO, Takanobu MIYAMOTO, Shunji UCHIMURA, Yoshihiko HAMAMOTO and Masaaki OKA:  
Tumor HLA-DR expression linked to early intrahepatic recurrence of hepatocellular carcinoma.  
*International Journal of Cancer*, 2005, in press.  
Department of Surgery II, Yamaguchi University School of Medicine.
- A. 942 Shinji MAEDA, Takashi ICHIYAMA, Yoshiko UENO, Haruyuki MAKATA, Tomoyo MATSUBARA and Susumu FURUKAWA:  
Montelukast inhibits NF- $\kappa$ B activation and proinflammatory molecules.  
*Annals of allergy, asthma, and immunology*, 2005, in press.  
Department of Pediatrics, Yamaguchi University School of Medicine.
- A. 943 Hiroshi HIRATA, Naoko OKAYAMA, Katsusuke NAITO, Ryo INOUE, Satoru YOSHIHIRO, Hideyasu MATSUYAMA, Yutaka SUEHIRO, Yuichiro HAMANAKA and Yuji HINODA:  
Association of a haplotype of matrix metalloproteinase (MMP)-1 and MMP-3 polymorphisms with renal cell carcinoma.  
*Carcinogenesis*, 2004, in press.  
Department of Urology, Yamaguchi University School of Medicine.
- A. 944 Seiji YANO, Hideyasu MATSUYAMA, Kenji MATSUDA, Hiroaki MATSUMOTO, Satoru YOSHIHIRO and Katsusuke NAITO:  
Accuracy of an array comparative genomic hybridization (CGH) technique in detecting DNA copy number aberrations: comparison with conventional CGH and loss of heterozygosity analysis in prostate cancer.  
*Cancer Genetics and Cytogenetics*, **150** : 122-127, 2004.  
Department of Urology, Yamaguchi University School of Medicine.
- A. 945 Tomoko HASHIMOTO, Kenichiro UCHIDA, Naoko OKAYAMA, Yuji IMATE, Yutaka SUEHIRO, Yuichiro HAMANAKA, Yoshiya UEYAMA, Fumihiko SHINOZAKI, Hiroshi YAMASHITA and Yuji HINODA:  
Association of matrix metalloproteinase (MMP)-1 promoter polymorphism with head and neck squamous cell carcinoma.  
*Cancer Letters*, **211**(1) : 19-24, 2004.  
Department of Otolaryngology, Yamaguchi University School of Medicine.
- A. 946 Kumiko SUIZU and Noriaki HARADA:  
Effects of waterproof covering on hand immersion tests using water at 10°C, 12°C and 15°C for diagnosis of hand-arm vibration syndrome.  
*Int Arch Occup Environ Health*, **78**, 2004, in press.  
Department of Hygiene, Yamaguchi University School of Medicine.

- A. 947 Junko DATE, Noritoshi TANIDA, Tatsuya HOBARA:  
Qat chewing and pesticides: a study of adverse health effects in people of the mountainous areas of Yemen.  
International Journal of Environmental Health Research, **14**(6), 2004, in press.  
Department of Medical Humanities, Yamaguchi University School of Medicine.
- A. 948 Fu-Jun LI:  
The functional role of CD45 molecules in IL-6-induced proliferation of myeloma cells-Analysis of translocation of CD45 isoforms into the lipid rafts-  
Fu-Jun LI, Naohiro TSUYAMA, Hideaki ISHIKAWA, Masanori OBATA, Saeid ABROUN, Shangqin LIU, Ken-ichiro OTSUYAMA Xu ZHENG, Zi MA, Yasuko MAKI, Michio M. KAWANO:  
A rapid translocation of CD45RO but not CD45RA to lipid rafts in IL-6-induced proliferation in myeloma.  
Blood, 2005, in press.  
Department of Bio-Signal Analysis, Graduate School of Medicine, Yamaguchi University.
- A. 949 Rikimaru OYAMA, Kazuya MURATA, Nobuaki TANAKA, Akira TAKAKI, Kayo UEDA, Jinyao LIU, Yasuaki WADA, Nozomu HARADA, Shinichi OKUDA, Yoko HAMADA and Masunori MATSUZAKI:  
Is the Ratio of Transmitral Peak E-Wave Velocity to Color Flow Propagation Velocity Useful for Evaluating the Severity of Heart Failure in Atrial Fibrillation?  
Circulation Journal, **68**(12) : 1132-1138, 2004.  
Division of Cardiovascular Medicine, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 950 Masashi KANEMOTO, Akihiko SHIMIZU, Toshihiko YAMAGATA, Masahiro ESATO, Takeshi UEYAMA, Yasuhiro YOSHIGA, Hiroyuki KAKUGAWA, Ryou-suke KAMETANI, Noriko INOUE, Akira SAWA and Masunori MATSUZAKI:  
Differentiation of the Electrophysiological Effects on the Atrial Myocardium Between the Pure Na Channel Blocker, Pilsicainide, and Flecainide.  
Cardiovascular Drugs and Therapy, **18**(4) : 295-303, 2004.  
Division of Cardiovascular Medicine, Yamaguchi University Graduate School of Medicine.
- A. 951 Satoko TAKATA, Hiroshi NAKAMURA, Seiji UMEMOTO, Kazuhiko YAMAGUCHI, Taichi SEKINE, Tomohiro KATO, Kusuki NISHIOKA and Masunori MATSUZAKI:  
Identification of Autoantibodies With the Corresponding Antigen for Repetitive Cocksackievirus Infection-Induced Cardiomyopathy.  
Circulation Journal, **68**(7) : 677-682, 2004.  
Department of Cardiovascular Medicine, Yamaguchi University Graduate School of Medicine.
- A. 952 Tanaka MASAKAZU, Seiji UMEMOTO, Shinji KAWAHARA, Makoto KUBO, Shin-ichi ITOH, Kyoko UMEJI and Masunori MATSUZAKI:  
AT1 Receptor Antagonist and Angiotensin-Converting Enzyme Inhibitor Altered the Activation of Cu/ZuSOD in the Heart of Stroke-Prone Spontaneously Hypertensive Rats.  
Hypertension Research, **28**, 2005, in press.  
Department of Cardiovascular Medicine, Yamaguchi University Graduate School

- of Medicine.
- A. 953 Tomo MATSUMOTO, Yuji HISAMATSU, Tomoko OHKUSA, Noriko INOUE, Takashi SATO, Shinsuke SUZUKI and Masunori MATSUZAKI:  
Sorcini interacts with sarcoplasmic reticulum  $\text{Ca}^{2+}$ -ATPase and modulates excitation-contraction coupling in the heart.  
Basic Research in Cardiology, 2005, in press.  
Division of Cardiovascular Medicine, Department of Medical Bioregulation, Yamaguchi University Graduate, School of Medicine.
- A. 954 Akihiro MURASHIGE, Takafumi HIRO, Takashi FUJII, Koji IMOTO, Takashige MURATA, Yusaku FUKUMOTO and Masunori MATSUZAKI:  
Detection of Lipid-Laden Atherosclerotic Plaque by Wavelet Analysis of Radio-frequency Intravascular Ultrasound Signals: In Vitro Validation and Preliminary In Vivo Application.  
Journal of the American Collage of Cardiology, **45**, 2005, in press.  
Division of Cardiovascular Medicine, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 955 Masanori HAYASHI, Tao-Sheng LI, Hiroshi ITO, Akihito MIKAMO and Kimikazu HAMANO:  
Comparison of Intramyocardial and Intravenous Routes of Delivering Bone Marrow Cells for the Treatment of Ischemic Heart Disease: An Experimental Study.  
Cell Transplantation, **13** : 639-647, 2004.  
Division of Cardiovascular Surgery, Department of Medical Bioregulation, Yamaguchi University Graduate School of Medicine.
- A. 956 Tomoko YAMAKAWA:  
Studies on Preparation and Transport Properties of Novel Stimuli-responsive Charged Membranes.  
Tomoko YAMAKAWA, Tomoka MIYAMOTO, Shinya ISHIDA, Mitsuru HIGA and Koji MATSUZAKI:  
Permselectivity of Anions through Gel Membranes Prepared from N-isopropylacrylamide and Poly (vinyl alcohol).  
Transactions of the Materials Research Society of Japan, **6** : 2599-2602, 2004, in press.  
Department of Biomolecular Engineering, Yamaguchi University Graduate School of Medicine.
- 
- B. 970 Yutaka TERASAKI:  
Indications for Patella Resurfacing in Total Knee Arthroplasty.  
Yamaguchi Medical Journal, 53(1), 2004, in press.  
Department of Orthopedics and Human Science, Yamaguchi University School of Medicine.
- B. 971 Noriyuki MIYAZAKI:  
Expressions of Matrix Gla Protein (MGP) in the Spinal Ligaments -Effects of Age and Calcification/Ossification-.  
Yamaguchi Medical Journal, 53(1), 2004, in press.  
Department of Orthopedics Surgery, Nagato Sogo Hospital.
- B. 972 Yoichiro MURATA:



- Effects of Basic Fibroblast Growth Factor (bFGF) on the Bone Grafting.  
Yamaguchi Medical Journal, **53**(1), 2004, in press.  
Department of Orthopedics, Yamaguchi University School of Medicine.
- B. 973 Toshihiko ANDO, M NISHIMURA and Yoshitomo OKA:  
Decitabine (5-Aza-2'-deoxycytidine) decreased DNA methylation and expression of MDR-1 gene in K562/ADM cells.  
Leukemia, **14** : 1915-1920, 2000.  
Department of Internal Medicine, Yamaguchi University School of Medicine.
- B. 974 Masatoshi TSURU, Hideki KATAGIRI, Tomoichiro ASANO, Tetsuya YAMADA, Shigeo OHNO, Takehide OGIHARA and Yoshitomo OKA:  
Role of PKC isoforms in glucose transport in 3T3-L1 adipocytes: insignificance of atypical PKC.  
American Journal of Physiology -Endocrinology and Metabolism-, **283** : 338-345, 2002.  
Third Department of Internal Medicine, Yamaguchi University School of Medicine.
- B. 975 Kozue OKANO, Mikiko FUKUI, Yutaka SUEHIRO, Yuichiro HAMANAKA, Kohzoh IMAI and Yuji HINODA:  
Evaluation of an mRNA Lipofection Procedure for Human Dendritic Cells and Induction of Cytotoxic T Lymphocytes against Enhanced Green Fluorescence Protein.  
Tumor Biology, **24**, 317-324, 2003.  
Department of Clinical Laboratory Science, Yamaguchi University School of Medicine.
- B. 976 Tomoyuki TABATA, Shoichi HAZAMA, Shigefumi YOSHINO and Masaaki OKA:  
Th2 subset dominance among peripheral blood T lymphocytes in patients with digestive cancers.  
The American Journal of Surgery, **177** : 203-208, 1999.  
Department of Surgery II, Yamaguchi University School of Medicine.
- B. 977 Atsuyoshi HIRANO, Hideo YANAI, Norio SHIMIZU, Takeshi OKAMOTO, Yoshitaka MATSUBARA, Kohtaro YAMAMOTO and Kiwamu OKITA:  
Evaluation of Epstein-Barr virus DNA load in gastric mucosa with chronic atrophic gastritis using a real-time quantitative PCR assay.  
International Journal of Gastrointestinal Cancer, 2004, in press.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- B. 978 Toru Takahashi, Toshiaki YUJIRI, Kenji SHINOHARA, Yusuke INOUE, Yutaka SATO, Yasuhiko FUJII, Masashi OKUBO, Yuzuru ZAITSU, Koichi ARIYOSHI, Yukinori NAKAMURA, Ryouhei NAWATA, Yoshitomo OKA, Mutsunori SHIRAI and Yukio TANIZAWA:  
Molecular mimicry by *Helicobacter pylori* CagA protein may be involved in the pathogenesis of *H. pylori*-associated chronic idiopathic thrombocytopenic purpura.  
British Journal of Haematology, **124** : 91-96, 2004.  
Department of Bio-Signal Analysis, Yamaguchi University Graduate School of Medicine.

- B. 979 Takashi IWAMOTO, Yasue YAMADA, Kei HORI, Yoshifumi WATANABE, Kenji SOBUE and Makoto INUI:  
Differential modulation of NR1-NR2A and NR1-NR2B subtypes of NMDA receptor by PDZ domain-containing proteins.  
*Journal of Neurochemistry*, **89**(1) : 100-108, 2004.  
Departments of Pharmacology and Neuropsychiatry, Yamaguchi University School of Medicine.
- B. 980 Shigeaki KANAMURA and Masaaki OKA:  
Post-Prandial Portal Hemodynamics after Upper Gastrointestinal Track Abscission.  
*Hepato-Gastroenterology*, 2004, in press.  
Department of Surgery II, Yamaguchi University School of Medicine.
- B. 981 Hiroaki MATSUMOTO, Takashi WADA, Koji FUKUNAGA, Satoru YOSHIHIRO, Hideyasu MATSUYAMA and Katsusuke NAITO:  
Allelic imbalance at 1p36 may predict prognosis of chemoradiation therapy for bladder preservation in patients with invasive bladder cancer.  
Department of Urology, Yamaguchi University School of Medicine.
- B. 982 Haku ISHIDA, Yuji INOUE, John B. WONG and Kiwamu OKITA:  
Cost-effectiveness of ribavirin plus interferon alpha-2b for either interferon relapsers or non-responders in chronic hepatitis C: a Japanese trial.  
*Hepatology Research*, **28**(3) : 125-136, 2004.  
Department of Medical Informatics and Decision Sciences, Yamaguchi University School of Medicine.
- B. 983 Jun-ich SANO, Shiro SHIRAKAWA, Shoji ODA, Takuji HARA and Tokuhiko ISHIIHARA:  
Foam cells generated by a combination of hyperglycemia and hyperlipemia in rats.  
*Pathology International*, 2004, in press.  
First Department of Pathology, Yamaguchi University School of Medicine.
- B. 984 Hiroshi AYUKAWA, Tomoyo MATSUBARA, Miho KANEKO, Masanari HASEGAWA, Takashi ICHIYAMA and Susumu FURUKAWA:  
Expression of CTLA-4 (CD152) in peripheral blood T cells of children with influenza virus infection including encephalopathy in comparison with respiratory syncytial virus infection.  
*Clinical & Experimental Immunology*, **137**(1) : 151-155, 2004.  
Department of Pediatrics, Yamaguchi University School of Medicine.
- B. 985 Tatsuya IRIFUNE, Masakatsu TAMECHIKA, Yasuhiro ADACHI, Nobuko TOKUDA, Tomoo SAWADA and Tetsuo FUKUMOTO:  
Morphological and immunohistochemical changes to thymic epithelial cells in the irradiated and recovering rat thymus.  
*Archives of Histology and Cytology*, **67**(2) : 149-158, 2004.  
Department of Human Science, Yamaguchi University School of Medicine.
- B. 986 Takeshi INOUE:  
A New Prognostic and Treatment Index for Multiple Trauma Patients with Pelvic Fracture.  
*Yamaguchi Medical Journal*, **53**(6) : 287-292, 2004.  
Department of Surgery, Sanyo Hospital, National Organization.

- B. 987 Takashi NAGANO, Masatsugu NAKAMURA, Katsuhiko NAKATA, Takeshi YAMAGUCHI, Kenji TAKASE, Akihiko OKAHARA, Toshimi IKUSE and Teruo NISHIDA: Effects of Substance P and IGF-1 in Corneal Epithelial Barrier Function and Wound Healing in a Rat Model of Neurotrophic Keratopathy.  
Investigative Ophthalmology and Visual Science, **44**(9) : 3810-3815, 2003.  
Department of Biomolecular Recognition and Ophthalmology, Yamaguchi University School of Medicine.
- B. 988 Kensaku SHIMIZU, Katsuyoshi ITO, Naofumi MATSUNAGA, Ayame SHIMIZU and Yasuhiko KAWAKAMI:  
Diagnosis of Gastric Cancer with Multidetector CT using Water-Filling and MPR Technique: CT-Histological Correlation focused on Tumor Detection and Depth Invasion.  
American Journal of Roentgenology, 2005, in press.  
Department of Radiology, Yamaguchi University School of Medicine.
- B. 989 Nobuhiko CHIKAMOTO:  
Clinical Assessment of the White Star<sup>®</sup> Power Control System for Phacoemulsification.  
The Bulletin of the Yamaguchi Medical School, **51**(1-2) : 1-7, 2004.  
Department of Biomolecular Recognition and Ophthalmology, Yamaguchi University School of Medicine.
- B. 990 Yasuhiko SAIKI, Tomoharu YOSHIDA, Yukari TANIOKA, Tomohito YAGAWA, Toshiya HARADA, Tadashi OKAZAWA and Kiwamu OKITA:  
Helicobacter pylori infection prevents nocturnal gastric acid breakthrough.  
Hepato-Gastroenterology, 2005, in press.  
Department of Gastroenterology and Hepatology, Yamaguchi University School of Medicine.
- B. 991 Takao TAMESA, Norio IIZUKA, Naohide MORI, Toshimasa OKADA, Norikazu TAKEMOTO, Akira TANGOKU and Masaaki OKA:  
High Serum Levels of Vascular Endothelial Growth Factor after Hepatectomy are Associated with Poor Prognosis in Hepatocellular Carcinoma.  
Hepato-Gastroenterology, 2005, in press.  
Department of Surgery II, Yamaguchi University School of Medicine.
- B. 992 Hidehiro SHIMA, Hirosuke FUJISAWA, Eiichi SUEHIRO, Sinpei UETSUKA, Tsuyoshi MAEKAWA and Michiyasu SUZUKI:  
Mild Hypothermia Inhibits Exogenous Glutamate-Induced Increases in Nitric Oxide Synthesis.  
Journal of Neurotrauma, **11**(20) : 1179-1187, 2003.  
Department of Neurosurgery and Critical Care Medicine, Yamaguchi University School of Medicine.
- B. 993 Koki FUJIKAWA, Kimio TAKAI, Akinobu SUGA, Katsusuke NAITO, Atsushi OHOTA, Shinya NAKASONE and Takashi HORIUCHI:  
Expression of mRNA for growth factors and extracellular matrix proteins after injury to cultured peritoneal cells: does the healing process contribute to peritoneal ultrastructural alteration?  
Journal of Artificial Organs, **6**(4) : 253-259, 2003.  
Department of Urology, Yamaguchi University School of Medicine.