

## The 53rd Meeting of the Yamaguchi University Medical Association

February 17, 1980 at the Yamaguchi University School of  
Medicine

1. Behavioural Thermoregulation of Rats during Fever  
Naotoshi MURAKAMI, Akio MORIMOTO  
Kenichi SUMIYOSHI and Tetsuya INOUE  
(Department of Physiology, Yamaguchi University)
2. Prolongation by Disopyramide of the Cardiac Action Potential Duration in Guinea-Pig Papillary Muscles  
Michio KOJIMA, Hideaki SADA  
and Takashi BAN  
(Department of Pharmacology, Yamaguchi University)
3. The Relationship between Negative Inotropic Effects and Hydrophobicity of Several  $\beta$ -Adrenergic Blockers  
Shigeko HARADA and Hideaki SADA  
(Department of Pharmacology, Yamaguchi University)  
Toshio FUJITA and Akira KOSHIRO  
(Department of Pharmacy, Yamaguchi University Hospital)
4. A Trial for Enhanced Synthesis of an Enzyme through Genetic Engineering  
Atsushi NAKAZAWA, Toru MIKI  
Sachie INOUE, Hiromi KUMAHARA  
and Teruko NAKAZAWA  
(Department of Biochemistry, Yamaguchi University)
5. Structural Analysis of the *lexA* Gene of *Escherichia coli* by *in vitro* Recombination  
Toru MIKI, Fumio KISHI, Yousuke EBINA,  
Teruko NAKAZAWA and Atsushi NAKAZAWA  
(Department of Biochemistry, Yamaguchi University)
6. Electron Microscopy of Motile Streptococci  
Hisanori KONISHI, Mitsuaki KIMOTO  
and Zensaku YOSHII  
(Department of Microbiology, Yamaguchi University)

7. Transplantation of Thymus Cells into the Circulating Blood, with Special Reference to the Behaviour of Them in Spleen of Rats  
Yoshihisa FUJIKURA, Hiromichi KUNIKI  
Susumu TOMONAGA and Kazuhiko AWAYA  
(1st Department of Anatomy, Yamaguchi University)
8. On the A. Thyreoidea Ima  
Kazutoshi YANAI, Toshio ABE  
and Motow OH  
(2nd Department of Anatomy, Yamaguchi University)
9. Induction of Amyloidosis by Various Kinds of Microbes  
Takuzi HARA  
(1st Department of Pathology, Yamaguchi University)
10. Amyloid Like Substance in the Cardiac Valve  
Takako IWATA, Hidenori NAKAMURA  
and Takaaki NAGASAWA  
(1st Department of Pathology, Yamaguchi University)
11. Cell Kinetics of Human Bladder Carcinoma  
Kosuke SASAKI, Tetsuro OGINO  
and Manabu TAKAHASHI  
(2nd Department of Pathology, Yamaguchi University)  
Heizo YASUI, Minoru TAKARA  
and Yoshihiro HARA  
(Department of Urology, Yamaguchi University)
12. A Study on the Metabolically Unstable DNA  
Michiyoshi MASUDA, Hideki YAMAOKA  
Kimio ISHIGURO and Manabu TAKAHASHI  
(2nd Department of Pathology, Yamaguchi University)  
Michie NOGAMI  
(School of Medical Technology, Yamaguchi University)
13. *In vitro*  $^3\text{H}$ -thymidine Labeling Indices of Human Gastric Cancer  
Tetsuro OGINO, Kosuke SASAKI  
and Manabu TAKAHASHI  
(2nd Department of Pathology, Yamaguchi University)  
Rikuo TANAKA  
(Department of Radiology, Yamaguchi University)  
Yuji NAGATOMI  
(1st Department of Internal Medicine, Yamaguchi University)

14. Studies on Blood Group by Red Cell Treated with Glutaraldehyde  
Report 3: On the Organ  
Sakuko HAYASHI  
(*Department of Legal Medicine, Yamaguchi University*)
15. On Simultaneous Separation and Determination of L.P. Gas-Components and Two Fatal Cases Poisoned to Death by L.P. Gas  
Norisuke SUGAWARA  
(*Department of Legal Medicine, Yamaguchi University*)
16. Report of Mass-examinations for Yusho Patients in Yamaguchi Prefecture with Special Reference to Lipid Metabolism  
Yoko HARA, Chidori ASAGAMI  
and Hidesuke FUJITA  
(*Department of Dermatology, Yamaguchi University*)
17. Clinical Evaluation of Prostatic Acid Phosphatase by Radioimmunoassay  
Mitsumasa FUJII, Hiroshi TAKIHARA  
Heizo YASUI, Yoshikazu KOSHIDO  
and Jisaburo SAKATOKU  
(*Department of Urology, Yamaguchi University*)  
Katsumasa KOBAYASHI  
(*3rd Department of Internal Medicine, Yamaguchi University*)
18. Spinal Evoked Potential (SEP) at the Lumbar Enlargement  
Hironobu KOTANI, Susumu HATTORI  
Katsuhiko SAIKI and Akira MATSUOKA  
(*Department of Orthopedic Surgery, Yamaguchi University*)
19. Replantation of Amputated Digits and Limbs  
Kazuteru DOI, Susumu HATTORI  
Shinya KAWAI, Shuji NAKAMURA  
Hironobu KOTANI and Kozo SUNAGO  
(*Department of Orthopedic Surgery, Yamaguchi University*)

20. A Study of Qualification of Human Gravity Center  
Iwao ASAMI, Tatsuhiko MIYAMOTO  
and Kazumasa SASAKI  
*(Department of Physical Therapy, Yamaguchi University  
Hospital)*  
Susumu HATTORI, Shinya KAWAI  
and Yoshinobu MATSUMOTO  
*(Department of Orthopedic Surgery, Yamaguchi  
University)*
21. Purification of Rat  $\alpha$ -Fetoprotein from Amniotic Fluid by using  
Concanavalin A Column Chromatography  
Masaki OGINO, Takahiro KODAMA  
Kiwamu OKITA and Tadayoshi TAKEMOTO  
*(1st Department of Internal Medicine, Yamaguchi  
University)*
22. Problems of the Development of the Laser Endoscope  
Yukinori OKAZAKI, Shigemi ARIYAMA  
Tadayoshi TAKEMOTO, Toshito OHSHITA  
Mitsuhiko TANABE, Tetsuro SASAYAMA  
and Susumu KAWAMURA  
*(1st Department of Internal Medicine, Yamaguchi  
University)*
23. The Study of the Endoscopic Papillotomy and the Peroral Fiber-  
choledochoscope  
Tadasu FUJI, Shigemi ARIYAMA  
Noboru MAETANI, Mitsuo AZUMA  
Susumu KAWAMURA and  
Tadayoshi TAKEMOTO  
*(1st Department of Internal Medicine, Yamaguchi  
University)*
24. A Case of Hepatocellular Carc noma with Metastases to the Skull  
Daizo KAN, Masami KAN  
Hiromi ONISHI, Masaharu TOJO  
Kinya MURATA and Toshio MISHIMA  
*(Internal Medicine, Ehime Rosai Hospital)*  
Takahiro KODAMA, Hideo NISHIMURA  
Mikio NISHIOKA and Tadayoshi TAKEMOTO  
*(1st Department of Internal Medicine, Yamaguchi  
University)*

25. Dynamic Pattern of Interatrial Septum and Right Atrial Anterior Wall by Esophageal Echocardiography

Naoshige HIROYAMA, Yoichi TOMA  
Masunori MATSUZAKI, Toshiaki KUMADA  
Toru SASAKI, Yojiro TAKAHASHI  
Takako UCHIDA, Yasuo MATSUDA  
Ken ISHIDA, Hiroshi OGAWA  
and Reizo KUSUKAWA  
(2nd Department of Internal Medicine, Yamaguchi University)

26. Abnormal Diastolic Characteristics of Left Ventricle in the Patients with Cardiac Disease

Kazuhiro KATAYAMA, Naoshige HIROYAMA  
Takashi FUJII, Yoichi TOMA  
Toshiaki DATE, Hidetoshi NAITO  
Toru SASAKI, Hiroshi OGAWA  
Ken ISHIDA, Tadao YOROZU  
Masunori MATSUZAKI, Masahiko SHIBATA  
Yasuo MATSUDA, Toshiaki KUMADA  
and Reizo KUSUKAWA  
(2nd Department of Internal Medicine, Yamaguchi University)

27. A Case of Adult T-cell Leukemia Followed without Treatment

Katsumasa KOBAYASHI, Yukio HIROSHIGE  
(3rd Department of Internal Medicine, Yamaguchi University)  
Noboru MATSUMOTO  
(College of Medical Technology, Yamaguchi University)  
Norimasa HARA and Kazumitsu NISHIYAMA  
(Department of Dermatology, Yamaguchi University)  
Mutsuo TAKAHASHI and Toshiaki KAMEI  
(1st Department of Pathology, Yamaguchi University)

28. Seesaw Sign after Oculomotor Palsy

Yoshifumi HIGASHI, Yoshitsugu NAKAMURA  
Yoshihide HARA, Yukio KUSUNOSE  
and Michio YAMADA  
(Department of Neuropsychiatry, Yamaguchi University)  
Koichi KASHIWAMURA  
(Yamaguchi Rosai Hospital)

29. Easy Expression to Compute the Area of the Lateral Ventricle on CT-Scan

Kensuke HABU, Akio MIZUKI  
Isamu YASUNO, Junichi IMAIZUMI  
and Michio YAMADA  
(*Department of Neuropsychiatry, Yamaguchi University*)

30. CT-Scan in Schizophrenics

Takayo IWAI, Takahide HARA  
Kazuhiko KODAMA, Junko HAMASAKI  
Taku SHIGEMOTO, Kenshi KOBASHI  
and Michio YAMADA  
(*Department of Neuropsychiatry, Yamaguchi University*)

31. Disseminated Intravascular Coagulation following Lobectomies for Lung Cancer; Report of a Case

Shinichi NOMURA, Hidemaro NAKANO  
Shigetoshi FUKUDA, Kei TANZAN  
Tomoaki MORITA and Toshihiro KANEYUKI  
(*Department of Surgery, Shuto General Hospital*)

32. Surgical Repair of Annulo-aortic Ectasia in Marfan's Syndrome: Report of a Case

Naobumi TOMOSAWA, Hisasi SAITO  
and Masaki MIYAMOTO  
(*Department of Surgery, Saiseikai Yamaguchi Hospital*)  
Hitoshi MOHRI, Kensuke ESATO  
Yasuhiro FUJII, Tatsuro ODA  
and Shoichi FURUKAWA  
(*1st Department of Surgery, Yamaguchi University*)

33. The Surgical Endocrinotherapy for the Recurrence of the Mammary Cancer

Michiharu MURAKAMI, Koichi ISHIGAMI  
Toshishige SHIMOI, Eishi MIZUTA  
and Toshiaki MII  
(*2nd Department of Surgery, Yamaguchi University*)

34. Relationship between Autonomic Innervation and Hemodynamics of the Gastric Tube for Esophageal Reconstruction, Especially the Effect of Thoracic Sympathoectomy on the Microcirculatory Disturbance in the Gastric Tube

Toshiaki MII, Koichi ISHIGAMI  
Osamu SANTOKI, Tadamichi YASUMOTO  
Takuo MURAKAMI and Muneki NAITO  
(2nd Department of Surgery, Yamaguchi University)

35. The Immune Response in Patients with Esophageal Carinoma and the Microscopic Structure of the Main Tumors and their Regional Lymph Nodes

Masaaki OKA, Koichi ISHIGAMI  
Tadamichi YASUMOTO, Takuo MURAKAMI  
Michiharu MURAKAMI and Toshiaki MII  
(2nd Department of Surgery, Yamaguchi University)

36. Comparison of Trimethaphan —and Nitroprusside— Induced Hypotension

Naohiko FUNATSU  
(Medical Student, Yamaguchi University)  
Kiyoshi OKAMOTO  
(Department of Anesthesiology, Yamaguchi Rosal Hospital)  
Toshizo ISHIKAWA  
(Department of Anesthesiology, Yamaguchi University)

37. Diazepam in Cerebral Perfusion Pressure

Ikuo NAGAI, Akio TATEISHI  
and Tsuyoshi MAEKAWA  
(Department of Anesthesiology, Yamaguchi University)  
Kayoko WAKUTA  
(Department of Anesthesiology, The Shimonoseki Kosei Hospital)

38. Pharmacokinetics of Thiamylal and its Clinical use

Akitomo YONEI, Seigo FUJII  
and Yoshiaki OKUDA  
(Department of Anesthesiology, Yamaguchi University)

39. Morphine and Spinal Evoked Potential

Reiji KAIEDA  
(Department of Anaesthesiology, Yamaguchi University)

40. Study on the Dosage Form of Indomethacin used in Patent Ductus Arteriosus

Keizo ISHIMOTO and Akira KOSHIRO

*(Department of Pharmacy, Yamaguchi University Hospital)*

Hiroshi KANEKO

*(Department of Pediatrics, Yamaguchi University)*

41. Roentgen Findings of Polypoid Lesions in the Colon

Takao HIROSE, Taishi NAKADA,

Rikuo TANAKA, Tsuneo MATSUMOTO

Moriko TORIIHARA, Seiichi EGUCHI

Kimiko KITAZAKI, Hisato KOBAYASHI

Sakae NAGAOKA and Takashi NAKANISHI

*(Department of Radiology, Yamaguchi University)*

Masaru FUKUYAMA

*(Department of Radiology, Tokuyama Central Hospital)*

Kazuomi SUTOMI, Isao OKITA

and Mikio NAGANO

*(Department of Radiology, Shimonoseki Central Hospital)*

42. Transbronchial Lung Biopsy in Diffuse Lung Disease

Sakae NAGAOKA, Takashi NAKANISHI

Mitsuaki KOBAYASHI, Hiroyuki HASHIMOTO

Shizuo KUSUMOTO, Kenji NOI

Miyuki NEKI, Kazuomi SUTOMI

Isao OKITA and Mikio NAGANO

*(Department of Radiology, Yamaguchi University)*

43. On Medical Linac LMR-15-BC in Our Hospital

Tsuyoshi FUJIKAWA, Takashi YOKOYAMA

Akio OKAYAMA, Sadato TANAKA

Hideaki YAMASHITA Takashi NAKANISHI

Tsuneo MATSUMOTO

*(Department of Radiology, Yamaguchi University Hospital)*

44. The Neurological Study of 56 Cases after Head Injury, Especially Eye-tracking Test and Optokinetic Test

Mikitada YAGI, Toru SEKITANI

Goro MOGI, Hideki OYAMA

Masutoshi NISHIKAWA, Takaaki NOGUCHI

and Masaaki HIYOSHI

*(Department of Otolaryngology, Yamaguchi University)*

45. Clinical use and Application of Auditory Brain-stem Response



Takaaki NOGUCHI, Toru SEKITANI  
 Syoichi MAEDA, Mikitada YAGI  
 Tatsuya OKUZONO and Keiko NISHIKAWA  
*(Department of Otolaryngology, Yamaguchi University)*

46. Three Cases of Sturge-Weber Syndrome

Yuzihiro SHIROYAMA, Shinichi INOUE  
 Yukio WAKUTA and Hideo AOKI  
*(Department of Neurosurgery, Yamaguchi University)*

47. Two Cases of Congenital Dermoid Sinus

Yutaka WATANABE, Akira TAKAO  
 Kiyoshi IHARA and Hideo AOKI  
*(Department of Neurosurgery, Yamaguchi University)*

48. Emergency Operation for the Ruptured Intracranial Aneurysms within 48 Hours after Subarachnoid Hemorrhage

Tetsuzi ORITA and Seisho ABIKO  
*(Department of Neurosurgery, Yamaguchi University)*

49. Effects of Domperidone (Dopamine Antagonist) on Serum Prolactin Levels in Human Beings

Kazuyuki UEDA, Hiroshi KATO  
 Toshio FUJINO, Saburo YAMASHITA  
 and Tadashi TORIGOE  
*(Department of Obstetrics and Gynecology, Yamaguchi University)*

## Special Lecture

Spirality in Microbes—Problems and Significance—

Zensaku YOSHII  
*(Department of Microbiology, Yamaguchi University)*

Alzheimer's Disease—On its Neuropathological Findings—

Michio YAMADA  
*(Department of Neuropsychiatry, Yamaguchi University)*