

The 48th Scientific Congress of the Yamaguchi University Medical Association

July 31, 1977, at Ube Nitrogen Industry Health Hall

1. The Role of the Thymus in Radiation Chimeras
Hiromichi KUNIKI and Kazuhiko AWAYA
(Department of Anatomy, Yamaguchi University)
Miyuki NEKI
(Department of Radiology, Yamaguchi University)
2. A Study on the Postnatal Growth and Involution of the Blood-Forming Organs in Three Inbred Strains of Mice
Hiromichi SHINOHARA
(Department of Anatomy, Yamaguchi University)
3. Fine Structure of Hagfish Liver
Susumu TOMONAGA, Kazuhito YAMAGUCHI
Seiji KATO and Kazuhiko AWAYA
(Department of Anatomy, Yamaguchi University)
4. High Resolution Scanning Electron Microscopy of Chicken Erythrocytes and Adsorbed Influenza Virus
Zensaku YOSHII, Kenichi SHIIKI
Hisanori KONISHI and Mitsuaki KIMOTO
(Department of Microbiology, Yamaguchi University)
Shigeo YAMAMOTO and Shigeru URAKAWA
(Department of Virology, Yamaguchi University)
Kimitoshi NIGOTA
(Yamaguchi Women's College)
5. Electron Microscopy of *Staphylococci* in Young Cultures
Hisanori KONISHI and Zensaku YOSHII
(Department of Microbiology, Yamaguchi University)
Shuhei TANAKA
(Department of Plant Pathology, Yamaguchi University)
6. Calculation of the Dissociation Constants of Phosphorylases for Various Saccharides by the Affinity Electrophoresis
Ryosuke SUZUNO, Masanori FUJIMOTO
Akira KUWAHARA, Hatanori OGATA
and Kazusuke TAKEO
(1st Department of Biochemistry, Yamaguchi University)

7. Studies on the Interaction between Concanavalin A and Various Carbohydrates by the Affinity Electrophoresis
Masanori FUJIMOTO, Haruki NAKAYAMA
Kazuyuki NAKAMURA, Hatanori OGATA
and Kazusuke TAKEO
(*1st Department of Biochemistry, Yamaguchi University*)
Kyozo HIRONAGA
(*Department of Pharmacy, Yamaguchi University Hospital*)
8. Studies on the Cervical Fluids by PAG Disc Electrophoresis
Kunihiko WATAKI and
Katsuyuki YAMASHITA
(*Department of Obstetrics and Gynecology, Onoda City Hospital*)
Tadashi TORIGOE and Nobuyoshi TAKASUGI
(*Department of Obstetrics and Gynecology, Yamaguchi University*)
Haruki NAKAYAMA and Kazusuke TAKEO
(*1st Department of Biochemistry, Yamaguchi University*)
9. The Synthesis of Alkanediol Monoglycolate Diphosphoric Esters and Their Effects on the Aldolase Activity
Hatanori OGATA, Akira KUWAHARA
and Kazusuke TAKEO
(*1st Department of Biochemistry, Yamaguchi University*)
10. Separation of Hamster Cheek Pouch Epidermal Cells
Cytrophotometric Estimation of Their Nuclear DNA
—Comparison between Preneoplastic Stage and Control—
Yoshiaki NAGAMINE
(*Department of Pathology, Yamaguchi University*)
11. Initial Growth Stimulating Effect of Dithylstilbestrol on the Kidney and Liver Cells of Syrian Hamster
Kimio ISHIGULO, Yoshiaki NAGAMINE
and Manabu TAKAHASHI
(*Department of Pathology, Yamaguchi University*)
12. Comparison of ^3H -Thymidine Labeling Indices *in vitro* of Biopsy Specimens from Human Gastric
Tetsuro OGINO, Kohsuke SASAKI
Shigeki TANI and Manabu TAKAHASHI
(*Department of Pathology, Yamaguchi University*)

- Rikuo TANAKA and Taishi NAKATA
(*Department of Radiology, Yamaguchi University*)
13. Comparison of *in vivo* and *in vitro* ^3H -Thymidine Labeling Indices
Kohsuke SASAKI, Tetsuro OGINO
and Manabu TAKAHASHI
(*Department of Pathology, Yamaguchi University*)
14. Studies on Blood Group by Red Cell Treated with Glutaraldehyde
1. On the Blood Stain
Sakuko HAYASHI
(*Department of Legal Medicine, Yamaguchi University*)
15. Determination of Calcium in Erythrocyte
Yukio HIROSHIGE, Noboru MATSUMOTO
and Shiro MIWA
(*3rd Department of Internal Medicine, Yamaguchi University*)
16. The Determination of Magnesium in Plasma by Atomic
Absorption Spectrophotometry
Norisuke SUGAWARA and Junji FURUNO
(*Department of Legal Medicine, Yamaguchi University*)
17. Traumatic Hemoglobinuria Caused by Kendo Exercises
Tadako NAKATSUJI, Michio KAWANO
Hiroshi FUJITA and Shiro MIWA
(*3rd Department of Internal Medicine, Yamaguchi University*)
18. Effects of Alprenolol and Prenylamine on the Action Potentials
in Cardiac Muscles
Takashi BAN and Hideaki SADA
(*Department of Pharmacology, Yamaguchi University*)
19. Hyperthermia and Radiation Response of Cultured
Mammalian Cells
Shoji KAWASAKI, Hiroyuki HASHIMOTO
and Takashi NAKANISHI
(*Department of Radiology, Yamaguchi University*)
20. Stability of Meclofenoxate Hydrochloride in the I. V. Admixtures
Akira KOSHIRO and Toshio FUJITA
(*Department of Pharmacy, Yamaguchi University Hospital*)

21. Drug Interaction between Succinylcholine Chloride and Lidocaine
Kayoko WAKUTA
(Department of Anesthesiology, Yamaguchi Univeristy)
22. Oxygen Tension on the Brain Surface During Hypotension
—Trimetaphan Hypotension Compared with Haemorrhagic Hypotension—
Tsuyoshi MAEKAWA
(Department of Anesthesiology, Yamaguchi UNiveristy)
23. Cerebral Metabolic and Circulatory Responses with Nitrous Oxide
—Simultaneous Measurement of Cerebral Blood Flow by Direct and
Kety-Schmidt Method—
Shyuzo OSHITA
(Department of Anesthesiology, Yamaguchi UNiversity)
24. hCG Level in Threatened Abortion
Yukio INOUE, Kiyoshi CHOJIN
Kazuyuki UEDA, Hitoshi MORITA
Fumihisa MIYAUCHI and Tadashi TORIGOE
(Department of Obstetrics and Gynecology, Yamaguchi
University)
25. Hormonal Disturbances of Anteriorpituitary in Pituitary Tumors
Tetsuo YAMASHITA, Mitsuaki KAWADA
and Hideo AOKI
(Department of Neurosurgery, Yamaguchi Univeristy)
Katsumasa KOBAYASHI
(3rd Department of Internal Medicine, Yamaguchi
Univeristy)
26. The New Test of Exocrine Pancreatic Function—PFD Test
Yoshio HARADA, Hidemi ABIKO
Tadaaki IWATAKE and Katsuhiko KUBO
(Division of Internal Medicine, Ube Industries, Central
Hospital)
Tadayoshi TAKEMOTO
(1st Division of Internal Medicine, Yamaguchi University)
27. Some Considerations of Pancreatic Function after
Pancreaticodenectomy
Yasuo NAWATA, Rikio YAMAKI
Kensuke ESATO, Hiroshi MIYASHITA
Nobuyoshi MORITA and Fumiki MORI
(1st Department of Surgery, Yamaguchi Univeristy)

28. Leiomyoma of the Small Intestine
Report of Three Cases and a Review of Literatures
Michio TORIEDA, Nobuyoshi MORITA
Kensuke ESATO and Rikio YAMAKI
(1st Department of Surgery, Yamaguchi University)
29. A Palliative Bypass Procedure for the Patients with
Non-Resectable Carcinoma of the Stomach and Esophagus
Toshihiro KANEYUKI, Fumiki MORI
Koichiro MORITA, Tomoaki MORITA
and Tomita NAKAYAMA
(Department of Surgery, Syuto General Hospital)
Osamu KOBAYASHI and Tohichi SOGAME
(Department of Surgery, Hikari City Hospital)
30. Studies on N-Butyl-Nitosourethane-Induced Rat Cancers of the
Esophagus and the Forestomach
Tadamichi YASUMOTO, Koichi ISHIGAMI
and Michiharu MURAKAMI
(2nd Surgical Division, Yamaguchi University)
31. Anastomosis of a Damaged Trachea by Trauma
Goro MOGI, Shoichi MAEDA
Noritake WATANABE and Toru SEKITANI
(Department of Otolaryngology, Yamaguchi University)
Kensuke ESATO
(1st Department of Surgery, Yamaguchi University)
Tetsuhiko TAMESA
(Department of Anesthesiology, Yamaguchi University)
32. Pathology and Precautionary Measure of Postoperative Pulmonary
Complications of Esophageal Cancer: Follow-up Study
Takuo MURAKAMI, Koichi ISHIGAMI
Nobuo WAKABAYASHI, Genji SHIBATA
Seiroku TANABE, Michiharu MURAKAMI
Eishi MIZUTA, Isao ISOMURA and
Masaaki OKA
(2nd Department of Surgery, Yamaguchi University)
33. A Study of the Cases of Gastrointestinal Bleeding in Our
Ward During Recent 5 Years
Tsuyoshi AIBE, Yukinori OKAZAKI
Keijiro ANDO, Shigeru KAYA

Wakako TSUBOTA, Yoshinori FUJIKAWA
 Seiji MIYAZAKI, Masako MIYAZAKI
 Mitsuo AZUMA, Shigemi ARIYAMA
 Kiyoshi FUJITA, Noboru MAETANI
 Mitsuru ODAWARA, Nobuhiro SAKAKI
 Masatoshi WATANABE, Susumu KAWAMURA
 Katsuei NAKAMURA and
 Tadayoshi TAKEMOTO
(1st Department of Internal Medicine, Yamaguchi University)

34. Diagnosis and Prognosis of Similar Types to Early Gastric Cancer

Kiyohiro KAWAHARA, Susumu KAWAMURA
 Yukinori OKAZAKI, Yozo IDA
 Yoshiyuki HAMADA, Masatoshi MORITO
 Michihiko SHIMIZU, Tadashi FUJI
 Mitsuru ODAWARA, Nobuhiro SAKAKI
 Makizo HIRATA, Masatoshi WATANABE
 Sakae AOYAMA, Shigemi ARIYAMA
 Mitsuo AZUMA, Noboru MAEDA
 Kiyoshi FUJITA, Yuji NAGATOMI
 Yoshinori NUMA, Kyoichiro HATA
 Katsuei NAKAMURA and
 Tadayoshi TAKEMOTO
(1st Department of Internal Medicine, Yamaguchi University)

35. Application of Glucagon and Insulin to Fulminant Hepatitis

Kiwamu OKITA, Takahiro KODAMA
 Toshinori HARADA, Mikio NISHIOKA
 Hideo NISHIMURA and Tadayoshi TAKEMOTO
(1st Department of Internal Medicine, Yamaguchi University)
 Norio YAMAMOTO
(Department of Urology, Yamaguchi University)
 Junko UCHIYAMA and Akira KOJIRO
(Department of Pharmacy, Yamaguchi University Hospital)

36. The Effect of Vagotomy on Liver Function and Liver Regeneration

Junichi OKADA, Koichi ISHIGAMI
 and Takeshi FUCHIMOTO
(2nd Division, Department of Surgery, Yamaguchi University)

37. Coronary cineangiography in Ischemic Heart Disease

Osamu TANIKADO, Ryoichi NOMOTO
 Masao SHIMIZU, Hironori EBIHARA
 Yojiro TAKAHASHI, Eiji HYAKUNA
 Hirotugu UCHIMURA, Nobuaki FUGONO
 Yoshinobu IKEE and Katsuto MURAKAMI

*(Department of Cardiology, Saiseikai Shimonoseki
 Hospital)*

Masanori MATSUZAKI, Tadao YOROZU
 and Takeshi ISHIDA

*(Department of 2nd Internal Medicine, Yamaguchi
 University)*

Kunihiro NOMOTO

*(Department of Internal Medicine, Shimane University of
 Medicine)*

38. His Bundle Electrogram —Intrahissian Block—

Hironori EBIHARA, Yojiro TAKAHASHI
 Eiji HYAKUNA, Masao SHIMIZU
 Ryouichi NOMOTO, Hirotugu UCHIMURA
 Nobuaki FUGONO, Yoshinobu IKEE
 Katsuto MURAKAMI and Osamu TANIKADO

*(Department of Cardiology, Saiseikai Shimonoseki
 Hospital)*

Masanori MATSUZAKI, Tadao YOROZU
 and Takeshi ISHIDA

*(Department of 2nd Internal Medicine, Yamaguchi
 University)*

39. His Bundle Electrogram in Acute Myocardosis

Osamu TANIKADO, Hironori EBIHARA
 Yoshinobu IKEE, Yojiro TAKAHASHI
 Eiji HYAKUNA, Yuji UCHIMURA
 Nobuaki FUGONO, Katsuto MURAKAMI
 Masao SHIMIZU and Ryouichi NOMOTO

*(Department of Cardiology, Saiseikai Shimonoseki
 Hospital)*

Masanori MATSUZAKI, Tadao YOROZU
 and Takashi ISHIDA

*(Department of 2nd Internal Medicine, Yamaguchi
 University)*

40. A Case of Single Ventricle

Naobumi TOMOSAWA, Rikio YAMAKI
 Yasuhiro FUJII, Tatsuro ODA
 and Shyoichi FURUKAWA
(1st Department of Surgery, Yamaguchi University)

41. Dynamic Intradiscal Pressure of the Cervical Spine

Hirotsugu ODA, Susumu HATTORI
 Masanobu OYAMA, Shinya KAWAI
 and Yoshiki AZUMA
(Department of Orthopaedic Surgery, Yamaguchi University)

42. Dynamic Studies of the Cervical Spine in Cervical
 Osteochondrosis

Tadashi KOCHIYAMA, Susumu HATTORI
 Masanobu OYAMA, Shinya KAWAI
 and Teruo ISOBE
(Department of Orthopaedic Surgery, Yamaguchi University)

43. Result of Conservative Treatment for Thoracic Outlet Syndrome

Tetsuo IMAGAMA, Susumu HATTORI
 Masanobu OYAMA, Shinya KAWAI
 Yoshiteru AZUMA and
 Noriyoshi MURAKAMI
(Department of Orthopaedic Surgery, Yamaguchi University)

44. Seven Cases of Fracture Involving the Lower Femoral Epiphysis

Teruaki SHIBATA and Kiyohiko ODA
(Department of Orthopaedic Surgery, Yamaguchi University)

Takahiko GOTO and Itsuro KAIJI
(Tsutsumigaura School Crippled Hospital)

45. Clinical Survey on 12 Cases of Systemic Lupus Erythematosus
 in Our Clinic

Hidetoshi YASUNO, Isao ARAKI
 and Hidesuke FUJITA
(Department of Dermatology, Yamaguchi University)

46. Clinical Survey on Seven Cases of Dermatomyositis in Our Clinic

Katzumitsu NIHIYAMA, Keisuke KINOSHITA
 and Hidesuke FUJITA
(Department of Dermatology, Yamaguchi University)

47. Meniere's Disease and other Labyrinthine Origin Vertigo

Toru SEKITANI, Goro MOGI

Muneaki TANAKA, Shoichi MAEDA

Noritake WATANABE, Toshiko KOBAYASHI

Kazuko SHIMAMOTO and Keiko KANESADA

(Department of Otolaryngology, Yamaguchi Univeristy)