

The 42rd Scientific Congress of the Yamaguchi University Medical Association.

July 21, 1974, International Hotel Ube

1. Epidemiological Studies on the Relationship Between Mottled Teeth, Osteoporosis and the Constituents of Drinking Water in A High F Water Area.

Yoshikatsu NOSE and Akira TAKAMATSU
*(Department of Public Health, Yamaguchi
University)*

2. Component Analysis on Grasping Power, Tapping Test and Pinching Power of Chainsaw Worker

Jun OSAKI, Fusako ISHII
and Michiko FUJITA
(Department of Hygiene, Yamaguchi University)

3. Changes of Adrenocortical Hormones to Heat and Cold Exposure

Mieko IWAMOTO and Yoko TSUMORI
(Department of Hygiene, Yamaguchi University)

4. The Effect of Central Monoamines on Reflex Vasodilation in the Pinna to Radiant Heating

Yoshiyuki SAKATA and Naotoshi MURAKAMI
*(2nd Division, Department of Physiology,
Yamaguchi University)*
Seiichiro INOUE
*(Department of Anesthesiology, Yamaguchi
University)*

5. Normal Range of Internal Body Temperature in the Aged

Hirotsugu UCHIMURA and
Naotoshi MURAKAMI
*(2nd Division, Department of Physiology,
Yamaguchi University)*

6. Studies on the Cholinesterase of Annelids by Polyacrylamide Gel Disc Electrophoresis

Setsuko UEDA

(Department of Pharmacology, Yamaguchi University)

7. Fundamental Studies on the Rotation Technique by Using Model System
(I) Decentering Effects

Zensaku YOSHII, Takeo HIRUIK
and Shuhei TANAKA

(Department of Microbiology, Yamaguchi University)

Kazuhiko SUGIHARA

(Ube Junior College)

8. Fundamental Studies on the Rotation Technique by Using Model System
(II) Rotation Effects Under the Disordered Distribution of Subunits

Kazuhito SUGIHARA

(Ube Junior College)

Zensaku YOSHII, Takeo HIRUKI
and Shuhei TANAKA

(Department of Microbiology, Yamaguchi University)

9. Electron Microscopic Observation of Compressive Atrophy
(I) Change of the Hepatic Cells Due to Compression by the Smyloid
Deposition and by Metastatic Cancer

Chotatsu TSUKAYAMA

(1st Department of Pathology, Yamaguchi University)

10. Ultrastructure of Cervical Disc in Human with Cervical Spondylosis

Yoshiteru AZUMA, Susumu HATTORI
and Haruo HIRATA

(Department of Orthopaedic Surgery, Yamaguchi University)

11. Pathological Study on Influenza
(II) Viral Multiplication and Cell Response in Murine Lung

Sakae AOYAMA

(1st Department of Pathology, Yamaguchi University)

12. Surgical Treatment of Chronic Pancreatitis
(Including Pseudocyst of the Pancreas)

Takashi FUCHIMOTO, Yoshiro SANTOKI

Osamu SANTOKI, Seiroku TANABE

Masakazu USHIJIMA and Shinji AKAO

(2nd Surgical Division, Yamaguchi University)

13. On the Mechanisms of Radioprotection of SH Compounds

Shoji KAWASAKI

(Department of Radiology, Yamaguchi University)

14. Serum Alkaline Phosphatase in Liver Cirrhosis with Diabetes Mellitus

Daizo KAN, Hideo NISHIMURA,

Kazuo NAWATA, Mikio HAYAKAWA

and Teruo FUJITA

(1st Division, Department of Internal Medicine, Yamaguchi University)

15. Ultrasonic Determination of Left Ventricular Function in Acute Myocardial Infarction

Masunori MATSUZAKI, Osamu TANIKADO
and Katsuto MURAKAMI

(Internal Medicine, Saiseikai Shimonoseki Hospital)

Yoshinobu IKEE

(2nd Department of Internal Medicine, Yamaguchi University)

16. Drunken Mice with Mammary Tumor by Offering a Choice of Water or Alcohol Solution

Yoshito IRIZAWA, Setsuo KOMURA,

Hiroyuki YOSHIDA and Junji FURUNO

(Department of Legal Medicine, Yamaguchi University)

17. Avian Myeloblastosis Virus (BAI-A) Induced Nephroblastoma:
Its Growth and Differentiation of Neoplasms

Kazuhito YAMAGUCHI

(1st Department of Anatomy, Yamaguchi University)

18. Histopathological Study of Squamous Cell Carcinomas in the Early
Stage, with Special Reference to the Relationship to Precancerous
Conditions

Keisuke KINOSHITA and Hidesuke FUJITA

*(Department of Dermatology, Yamaguchi
University)*

19. On the Relation Between Decycling Rate and Doubling Time

Manabu TAKAHASHI and
Michiyoshi MASUDA

(Department of Pathology, Yamaguchi University)

20. Change of Cell Cycle During Carcinogenesis

—FLM Analysis of DMBA Induced Hyperplasia of Hamster
Cheekpouch Epithelium—

Yoshiaki NAGAMINE, Tamehiro KAKU
and Manabu TAKAHASHI

(Department of Pathology, Yamaguchi University)

21. Effect of DMSO (Dimethyl-sulfoxide) on the Cell Cycle of DES
Induced Renal Carcinoma of Hamster in Vitro

Michiyoshi MASUDA, Kazuhiko SASAI
and Manabu TAKAHASHI

(Department of Pathology, Yamaguchi University)

22. Normal Karyotype of Syrian Hamster

Kohsuke SASAKI

(Department of Pathology, Yamaguchi University)

23. Radiotherapy of Malignant Lymphoma

Takashi YOKOYAMA, Miyuki NEGI,
Kazuomi SUEDOMI, Mitsuaki KOBAYASHI,
Takashi NAKANISHI and Ko SAKURAI
(*Department of Radiology, Yamaguchi University*)

24. Uptake of ^{75}Se -Selenomethionine by Thymoma

Kazuhiko OGINO and Isoo OHKOSHI
(*Kudamatsu Kinen Hospital*)

25. Remove of the Parasternal Lymphnode Chain in the Radical Operation of Breast Cancer

Rhuichi KAKU, Hiroshi MIYASHITA
Kiyoshi SHINTANI, Hisashi SAITO,
Naohumi TOMOSAWA, Tomita NAKAYAMA,
Shoichi FURUKAWA, Toichi SOGAMI,
Takeo MURATA, Masanobu KOIKAWA,
Hiroshige HAYASHI, Tatsuo ODA,
Yukio HAYASHI, Yashuhiro FUJII,
Kensuke ESATO and Toshiko KANEYUKI
(*1st Surgical Division, Yamaguchi University*)

26. Experience in Pancreaticoduodenostomy for Gastric Cancer with Infiltration into the head of the Pancreas

Tadamichi YASUMOTO, Koichi ISHIGAMI
Osamu SANGOKI Toshisige SIMOI
and Yoshio OKAZAKI
(*2nd Surgical Division, Yamaguchi University*)

27. Clinical Experience of Brain Tumors Its Statistical Analysis

Yozo SAKATA, Kenichiro HIGASHI,
Seisho ABIKO, Sanao KATAYAMA,
Kiyoshi IHARA, Yukio WAKUTA,
Hiroyuki UEDA, Yasuo FUKUDA,
Shosaku NODA, Tetsuo YAMASHITA
and Hideo AOKI
(*Department of Neurosurgery, Yamaguchi University*)

28. Hysteroscopic Examination on Carcinoma of the Endometrium

Hideaki SHOJIMA, Hirohisa NOMIYAMA
Shoichiro KOMORI and Takahiro DAIRAKU
*(Department of Obstetric and Gynecology,
Yamaguchi University)*

29. Feto-placental Function Test in High Risk Pregnancy

Fumihisa MIYAUCHI, Mitsuaki MIGITA,
Jusaburo NOBUTANI, Toyohiko HIROSAWA,
Nobuyuki MATSUBARA and Tadashi TORIGOE
*(Department of Obstetrics and Gynecology,
Yamaguchi University)*

30. An Autopsy Case of Immature Infant Associated with Multiple Anomalies

Seishiro WATANABE and Hiromi OHNISHI
*(1st Department of Pathology, Yamaguchi
University)*
Masanobu KOIKAWA
(1st Surgical Division, Yamaguchi University)

31. Anomalies of Trunks and Extremities in Down's Syndrome

Tatsuhiho MIYAMOTO and Kiyohiko ODA
*(Department of Orthopaedic Surgery,
Yamaguchi University)*

32. Some Considerations for Surgical Procedures of Patent Ductus Arteriosus

Shoichi FURUKAWA, Tomita NAKAYAMA,
Nobuyoshi MORITA, Toichi SOGAME,
Rhuichi KAKU, Tatsuro ODA,
Yasuhiro FUJII and Rikio YAMAKI
(1st Surgical Division, Yamaguchi University)

33. Cytogenetic Studies on Prenatal Diagnosis in Our Clinic

Hiroshi YOKOYAMA and
Satoshi YANAGISAWA
(Department of Pediatrics, Yamaguchi University)

34. Affairs of Chromosomal Analysis as a Clinical Examination in
Department of Pediatrics

Kozo HIRAOKA, Hiroshi YOKOYAMA,
Suguru TANAKA and Satoshi YANAGISAWA
(*Department of Pediatrics, Yamaguchi University*)

35. Studies on Erythrocyte Pyruvate Kinase Variants

Etsuko ODA, Koji NAKASHIMA,
Kunio ARIYOSHI, Kenji SHINOHARA
and Shiro MIWA
(*3rd Department of Internal Medicine, Yamaguchi
University*)

36. Immunochemical Studies on Erythrocyte Pyruvate Kinase Variants

Koji NAKASHIMA, Kenji SHINOHARA,
Kunio ARIYOSHI, Etsuko ODA
and Shiro MIWA
(*3rd Department of Internal Medicine, Yamaguchi
University*)

37. Biosynthetic Pathway of Thiamine Pyrophosphate in Escherichia Coli
(I) Isolation and Characterization of Thiamine Phosphate Auxotrophs

Hideo NAKAYAMA and Ryoji HAYASHI
(*Department of Microbiology, Yamaguchi
University*)

38. Biosynthetic Pathway of Thiamine Pyrophosphate in Escherichia Coli
(II) Biosynthesis of Thiamine Pyrophosphate via Intermediate
Formation of Thiamine Monphosphate

Hideo NAKAYAMA and Ryoji HAYASHI
(*Department of Microbiology Yamaguchi University*)

39. Lymphatic Reaction Genetic Tolerance to Homograft

Seiji KATO and Kazuhiko AWAYA
(*1st Department of Anatomy, Yamaguchi University*)