

The 50th Scientific Congress of the Yamaguchi Univeristy Medical Associatoin

July 30, 1978 at Ube Nitrogen Industry Health Hall

1. Radiosensitization of Ro-07-0582 on Ehrlich Ascites Tumor Cells
Shoji KAWASAKI, Hiroyuki HASHIMOTO
Mitsuaki KOBAYASHI, Moriko TORIIHARA
Takashi YOKOYAMA and Takashi NAKANISHI
(*Department of Radiology, Yamaguchi University*)
2. Studies on Film-Screen Systems for Radiography
Yoshiharu HIGASHIDA, Masaji OTA
Hiromoto UTSUMI, Akiyoshi OTSUKA
and Takashi NAKANISHI
(*Department of Radiology, Yamaguchi University Hospital*)
3. An Introduction of ICRP Pubication 26
—Difference of Estimation for Tissue Dose—
Akiyoshi OTSUKA, Yoshiharu HIGASHIDA
Hiromoto UTSUMI, Masaji OTA
Takashi NAKANISHI and Takashi YOKOYAMA
(*Department of Radiology, Yamaguchi University Hospital*)
4. Studies on Carbohydrate Binding Specificity of Various Lectins
by the Affinity Electrophoresis
Katsuyuki YAMASHITA, Ryosuke SUZUNO
Masanori FUJIMOTO, Hatanori OGATA
and Kazusuke TAKEO
(*1st Department of Biochemistry, Yamaguchi University*)
5. Application of Affinity Electrophoresis to Immune Reaction;
Binding Specificity of Dextran Specific Myeloma Protein
Kazusuke TAKEO
(*1st Department of Biochemistry, Yamaguchi University*)
Elvin A. KABAT
(*Department of Microbiology, Columbia University*)
6. A Study of Histological Preparation Method with Plastic
Embedding Medium
Takafumi MATSUMOTO
(*Department of Pathology, Yamaguchi University*)

7. The Production and the Application of Anti-Single Stranded DNA Antibody from Calf Thymus DNA
Tomozo OKU, Michiyoshi MASUDA
and Manabu TAKAHASHI
(Department of Pathology, Yamaguchi University)
8. Isolation Human Urinary Bladder Epithelium and Cytophotometry
—Comparison between Tumor Cells and Normal Counterpart—
Yoshiaki NAGAMINE
(Department of Pathology, Yamaguchi University)
Hayato NASU
(Department of Urology, Yamaguchi University)
9. Measurement of DNA Synthetic Time in Human Solid Tumor by *in vitro* Continuous Labeling Method
Kohsuke SASAKI, Tetsuro OGINO
and Manabu TAKAHASHI
(Department of Pathology, Yamaguchi University)
Hayato NASU and Minoru TAKARA
(Department of Urology, Yamaguchi University)
10. Electron Microscopy of *Pseudomonas Aeruginosa*
(I) Specimen Preparation
Junichi SUGIYAMA, Hisanori KONISHI
and Zensaku YOSHII
(Department of Microbiology, Yamaguchi University)
11. Two Phases of Teichosid in the Cell Wall of Genus *Bacillus*
Zensaku YOSHII, Hisanori KONISHI
and Yoshinobu MOTOKI
(Department of Microbiology, Yamaguchi University)
12. Effect of Gonadectomy on Thymus of Senile Rats
Masaaki OGINO, Hiromichi KUNIKI
and Kazuhiko AWAYA
(1st Department of Anatomy, Yamaguchi University)
13. Electron Microscopic Study of Macrophage System
Kazuhiko AWAYA, Susumu TOMONAGA
and Kazuto YAMAGUCHI
(1st Department of Anatomy, Yamaguchi University)
14. The Brain Involved in the Induction of Lordosis Behavior as a Target Site of Sex Steroids
Masahiro YANASE
(Department of Physiology, Yamaguchi University)

15. Responses of Medullary Temperature-Responsive Neurones of Rabbits to Leukocyte Pyrogen Injected Directly
Yoshiyuki SAKATA and Naotoshi MURAKAMI
(*Department of Physiology, Yamaguchi University*)
16. The Alcohol Preference of C57BL Mice by Self-Selection
Yoshito IRIZAWA
(*Department of Legal Medicine, Yamaguchi University*)
17. The Separation and Determination of Five Kinds of Alcohols by Gas Chromatography
Norisuke SUGAWARA
(*Department of Legal Medicine, Yamaguchi University*)
18. Effect of Lidocaine and Tocainide on Action Potential of Guinea-Pig Papillary Muscles
Shyuzo OSHITA, Hideaki SADA and Takashi BAN
(*Department of Pharmacology, Yamaguchi University*)
Saeko BABA
(*Department of Ophthalmology, Hiroshima University*)
19. A Case of Paraquat Poisoning and its Autopsy Findings
Susumu TAKEGAWA, Susumu ODA
Kohie KAKA, Korehiko SHIOMURA
Noboru MATSUMOTO and Shiro MIWA
(*3rd Department of Internal Medicine, Yamaguchi University*)
Kazuhiko SASAI
(*Department of Pathology, Yamaguchi University*)
Tetsuhide UNOKI
(*Department of 2nd Internal Medicine, Yamaguchi University*)
20. Dissolution Patterns of Commercial Potassium Preparations
Akira KOSHIRO, Kazuko MATSUOKA
Yukiko HARIMA and Fumie TAMECHIKA
(*Department of Pharmacy, Yamaguchi University Hospital*)
21. Reaction of β -Lactam Antibiotics with the Plasma Expander
Akira KOSHIRO and Toshio FUJITA
(*Department of Pharmacy, Yamaguchi University Hospital*)
22. Analgesic Dependence and Barbiturate Withdrawal

Michio YAMADA, Koichi KASHIWAMURA
and Taku SHIGEMOTO
(Department of Neuropsychiatry, Yamaguchi University)
Katsuki FUJIMOTO
(Department of Pharmacy, Yamaguchi University Hospital)
Kenshi KOBASHI
(Clinic of Neurology, Yamaguchi Prefectural Hospital)
Yoshifumi ASAGAMI
(Shinmachi Clinic)

23. The Contractile Action of Lidocaine and its Metabolite on
Rat Aortic Strips

Satoru FUKUDA and Hiroshi TAKESHITA
(Department of Anesthesiology, Yamaguchi University)

24. The Effect of Diazepam on Evoked Electrospinogram

Reiji KAIEDA and Tsuyoshi MAEKAWA
(Department of Anesthesiology, Yamaguchi University)

25. Polypoid Lesions of the Duodenal Bulb

Rikuo TANAKA, Taishi NAKATA
Masaru FUKUYAMA, Hiroyuki HASHIMOTO
Takenori SHINTOMI, Tsuneo MATSUMOTO
and Takashi NAKANISHI
(Department of Radiology, Yamaguchi University)
Shizuo KUSUMOTO, Kenji NOI
and Kazuomi SUTOMI
(Department of Radiology, Shimonoseki City Hospital)

26. Post-bulbar Duodenal Ulcer

Mitzuo AZUMA, Susumu KAWAMURA
Noboru MAETANI, Sigemi ARIYAMA
Nobuhiro SAKAKI, Michihiko SHIMIZU
Tadasu FUJI, Yoza IIDA and
Tadayoshi TAKEMOTO
(1st Department of Internal Medicine, Yamaguchi University)

27. Clinical Study of Gastric Polyps

Kiyoshi FUJITA, Susumu KAWAMURA
Sakae AOYAMA, Kiyohiro KAWAHARA
Makizo HIRATA, Masatoshi WATANABE
Mitsuru ODAWARA, Yoza IIDA
Yoshiyuki HAMADA, Yukinori OKAZAKI
and Tadayoshi TAKEMOTO
(1st Department of Internal Medicine, Yamaguchi University)

28. Interrelationship between Epidemiology and Clinical Problems
Minoru MIZUTA
(*1st Division, Department Internal Medicine, Yamaguchi University*)
29. Skin Test of the Esophageal Cancer
Masaaki OKA, Koichi ISHIGAMI
Takuo MURAKAMI, Tadamichi YASUMOTO
Eiji MIZUTA and Toshiaki MII
(*2nd Surgical Division, Yamaguchi University*)
30. An Experimental Study of the Role of the Vagus Nerue in the Pathogenesis of the Duwping Syndrome
—Hemodynamic Aspects in the Microcirculation of the Intestine—
Seiroku TANABE, Takeshi FUCHIMOTO
and Koichi ISHIGAMI
(*2nd Surgical Division, Yamaguchi University*)
31. Studies on Surgical Adjuvant Chemotheraphy for the Cancer of the Esophagus
—Especially the Administration of Bleomycine into the Thoracic Duct after the Resection of the Esophagus—
Michiharu MURAKAMI, Koichi ISHIGAMI
and Tadamichi YASUMOTO
(*2nd Surgical Division, Yamaguchi University*)
Kiyoshi MATSUKI
(*Sanyo-cho Central Hospital*)
32. Change of Blood Flow in Gastro-Duodenal Artery after Ligation of Common Hepatic Artery
Yoshiki NONAMI, Nobuyoshi MORITA
Kensuke ESATO and Rikio YAMAKI
(*1st Department of Surgery, Yamaguchi University*)
33. Five-year Survival Rates and Character of Colon Cancer
Katsura TANZAN, Etsuro ODA
Osamu KOBAYASHI, Nobuyoshi MORITA
Kensuke ESATO and Rikio YAMAKI
(*1st Department of Surgery, Yamaguchi University*)
34. Recent Three Year Experiences with Thoracic and Cardiovascular Operations
Toshihiro KANEYUKI, Yasuo NAWATA
Satoru KURATA and Tomoaki MORITA
(*Department of Surgery, Syuto General Hospital*)

35. Evaluation of the Cross-Thermocouple Method for Assessment of Myocardial Tissue Blood Flow
Yasuhiro FUJII, Tatsuro ODA
Takeo MURATA, Shoichi FURUKAWA
Naofumi TOMOSAWA and Rikio YAMAKI
(*1st Department of Surgery, Yamaguchi University*)
36. Left Atrial Myxoma Causing Mitral Insufficiency
—Report of a Case Treated by Annuloplasty—
Naofumi TOMOSAWA, Rikio YAMAKI
Yasuhiro FUJII and Shoichi FURUKAWA
(*1st Department of Surgery, Yamaguchi University*)
37. One Case of Contracture of the Deltoid Muscle
Kohzoh SUNAGO, Susumu HATTORI
and Yohjiro DATE
(*Department of Orthopaedic Surgery, Yamaguchi University*)
38. Clinical Studies on the Evoked Electrospinogram at Cervical Cord Region
Katsuhiko SAIKI, Susumu HATTORI
Yohjiro DATE and Tatsuhiko MIYAMOTO
(*Department of Orthopaedic Surgery, Yamaguchi University*)
39. Thermography in Patients with Thoracic Outlet Syndrome
Tetsuo IMAGAMA, Susumu HATTORI
Masanobu OYAMA, Hiroshi HAYAKAWA
and Yoshiteru AZUMA
(*Department of Orthopaedic Surgery, Yamaguchi University*)
40. Kinesilogic Study on Slow Stiff Opening of the Fingers
Yohjiro DATE, Susumu HATTORI
Katsuhiko SAIKI, Yoshihide YAMAGUCHI
and Tatsuhiko MIYAMOTO
(*Department of Orthopaedic Surgery, Yamaguchi University*)
41. A Case of Letterer-Siwe Disease
Norimasa HARA and Hidesuke FUJITA
(*Department of Dermatology, Yamaguchi University*)
42. Clinical Application of Scrotal Thermography
Akira HIRAYAMA
(*Department of Urology, Yamaguchi University*)

43. Cervical Vertigo (Case Presentation)

Hideki OHYAMA, Toru SEKITANI
Keiko KANESADA, Masutoshi NISHIKAWA
and Keiko NISHIKAWA
(*Department of Otolaryngology, Yamaguchi University*)

44. Acupuncture with Low Frequency Current Stimulation in the
Otoneurological Diseases

—A Preliminary Report—

Masutoshi NISHIKAWA, Toru SEKITANI
Yoneko HATTORI, Hideki OHYAMA
Tomoyuki UNNO and Tatsuya OKUZONO
(*Department of Otolaryngology, Yamaguchi University*)

45. Metrizamide Computed Tomography Cisternography

Tomomi OKAMURA, Mitsunori HATANO
and Kenichiro HIGASHI
(*Department of Neurosurgery, Yamaguchi University*)

46. A ^{125}I Radioimmunoassay Method for Progesterone and its
Clinical Application

Fumihisa MIYAUCHI, Hiroshi KATO
Toshio FUJINO, Saburo YAMASHITA
Hitoshi MORIOKA and Tadashi TORIGOE
(*Department of Obstetrics and Gynecology, Yamaguchi
University*)