

RESEARCH CONFERENCES

Scientific program of the 8th Conference
(December 14, 1985)

- A. Case report (Department of Surgery).
A case with Borrmann 4 type gastric carcinoma treated successfully by pre-operative hypertension chemotherapy. K. Sawaguchi and M. Ueno
- B. Molecular biology of cancer (Departments of Molecular Biology and Biophysics).
1) Tumorigenicity and induced differentiation of mouse teratoma cells. T. Kameyama
2) Amplification of oncogenes in human stomach cancers. K. Iida
3) Oncogenesis of hepatocellular carcinoma by woodchuck hepatitis virus. S. Murakami
- C. Replication of chromosomes (Department of Biophysics).
Replication of bacterial chromosomes and its control. H. Yoshikawa

Scientific program of the 9th Conference
(September 27, 1986)

- A. Tumor-specific antigens (Department of Pathophysiology).
1) Tumor-specific antigens. Y. Kurata
2) Functions of tumor-specific antigens. S. Okada
3) Monoclonal antibodies against tumor-specific antigens. N. Satoh
- B. Endogenous retrovirus genomes (Department of Biophysics).
Molecular cloning and characterization of human endogenous retrovirus genomes. F. Harada
- C. Virus persistent infection (Department of Virology).
1) Virus persistent infection: Its medical significance and relation to cell carcinogenesis. M. Hatano
2) Cell-virus interaction between human neural cells and human cytomegalovirus (HCMV) in relation to establishment of HCMV persistent infection. T. Ogura
3) Experimental studies on persistent and latent infection of human cells with human cytomegalovirus (HCMV). J. Tanaka
4) Medico-biological characteristics and viral DNA structure of Epstein-Barr virus (EBV) derived from nasopharyngeal carcinoma. H. Sato

Scientific program of the 10th Conference
(September 30, 1987)

- A. Cancer immunotherapy and chemotherapy (Department of Experimental Therapeutics).
- 1) Cyclophosphamide augments *in vivo* induction of antitumor effector cells but not resistance of the host to a tumor challenge. K. Ryoyama
 - 2) Therapeutic approaches to cancer with cytotoxic cells induced by streptococcal preparation OK-432 *in vitro*. T. Ujiie
 - 3) Antitumor activity of macromolecule substances from marine animals. Y. Endo, M. Tanaka and T. Sasaki
 - 4) Experimental model for predicting the malignancy of tumors and chemosensitivity test using chick embryo. Y. Tatsuzawa, F. Uozumi, M. Matsuoka, Y. Endo, M. Tanaka and T. Sasaki
- B. Recent advance in the experimental and clinical study of gastrointestinal cancer (Department of Surgery).
- 1) Principle and clinical approach of multidisciplinary treatment of gastric cancer from the viewpoint of pathophysiology. M. Mai
 - 2) Endocrine differentiation of gastric adenocarcinoma. A. Ooi
 - 3) Desmoplastic reaction of the gastric cancer: A light and electron microscopic immunohistochemical analysis by using collagen-type specific antibodies. T. Minamoto and I. Nakanishi
 - 4) Study on minute gastric cancer from the viewpoint of histological type. T. Itoh, M. Mai, T. Kitamura, H. Ueda, T. Ogino and A. Ooi
 - 5) The growth rate of human esophageal carcinoma and its clinical significance: Retrospective study based on roentgenologic findings. T. Ogino
 - 6) Early gastric stump carcinoma: A histological study of early cancer and background mucosa. H. Ueda
 - 7) Chemosensitive difference between primary tumor and metastases of the same patient transplanted into nude mice. Y. Takahashi
 - 8) *In vitro* response of PBL to OK-432 in gastric cancer: IL2 production and IL2 activated NK activity. M. Ueno
 - 9) Basic studies for a chemosensitivity test using flowcytometry. T. Suga, K. Sawaguchi and T. Asai