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## MEETING REPORT

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### 18th Japanese Pathology for Carcinogenesis Meeting (Hatsugan-Byori Kenkyukai)

Starting from the time when Dr. Nobuyuki Ito became Professor at the Department of Pathology, Naogy City University Medical School in 1974, the Department held a rehearsal every year to allow members of staff, both young and old, the opportunity to practise their presentations for the Japanese Cancer Association Meeting of that year before a friendly, if nonetheless critical, audience. The rehearsal meeting was soon expanded to include many other groups, also conducting research in the same area of toxicological pathology related to carcinogenesis, who were invited to participate because of their association with Dr Ito.

After they had joined the rehearsal in 1986 (The first official Hatsugan-Byori Kenkyukai, Carcinogenesis-pathology-Research Association) the same style was maintained until 1992. However, in 1993 it was felt that the general increase in interest in the fields covered demanded a remodeling of the Kenkyukai (for the 8th Hatsugan-Byori Kenkyukai), and the groups directly linked to Dr. Takashi Sugimura, Emeritus Director of the National Cancer Center, as well as others active in the same area, joined in this opportunity to discuss advances in carcinogenesis research in the pathology area in a quiet and attractive setting conducive to development of research contacts. To allow coverage of the individual interests of the research groups it was decided to change the meeting structure to a symposium style (one speaker from each laboratory presenting their recent findings for open discussion). The success of the first meeting, held in Nagano, guaranteed that interest would increase and now the vast majority of the groups active in Japan in toxicological pathology and carcinogenesis send representatives. The meeting has always been scheduled in the last week of August and one group takes responsibility for organization and selection of the venue. At the 18th meeting, which was held on August 26-28th, this year at Hotel Associa, Takayama, it was the turn of with Dr Hideki Mori and his colleagues of Gifu University, and a total of over 150 researchers from more than twenty laboratories attended.

A special attraction of the meeting is an invited lecture by a leading figure active at the cutting edge of Japanese research in the area of elucidation of mechanisms underlying biological processes. This year the research association was happy to be able to persuade Dr Toshio Kuroki to present his long experience of cancer research in the international arena 'Cell Growth, Differentiation and Transformation - 40 Years of Research.'

#### Program

**'Inflammation-related Mouse Colon Cancer Model'**

Kohno Hiroyuki, First Department of Pathology, Kanazawa Medical University

**'Inhibition of Hyperlipidemia and Development of Intestinal Polyps in the Apc Deficient Mouse by Pioglitazone, a PPAR $\gamma$  Ligand'**

Niho Naoko, Cancer Prevention Basic Research Project, National Cancer Center Research Institute

**'Deoxycholic Acid as an Epigenetic Modulator of Azoxymethane Induction of Colon Carcinomas'**

Kuniyasu Hiroki, Department of Oncological Pathology, Nara Medical University

**'Microarray Analysis of Gene Expression in Rat Preneoplastic Liver Foci'**

Suzuki Shugo, Department of Experimental Pathology and Tumour Biology, Nagoya City University

**'Profiling of Gene Expression in Rat Urinary Bladder Lesions Induced by Various Carcinogens'**

Morimura Keiichirou, Department of Pathology, Osaka City University

**'Molecular and Pathological Mechanisms of Acyclic Retinoid Actions in Human Hepatoma Cell Lines'**

Suzui Masumi, Oncological Pathology, University of the Ryukyus

**Special Invited Lecture 'Cell Growth, Differentiation and Transformation - 40 Years of Research'**

Kuroki Toshio, President, Gifu University



Participants at the 18th Hatsugan-Byori Kenkyukai in Takayama

**'Analysis of Carcinogenic Sensitivity and Mutagenesis in vivo in Parp-1 Knockout Mice'**

Masutani Mitsuko, Biochemistry Division, National Cancer Center Research Institute

**'Past and Future of the APOCP/APJCP'**

Malcolm Moore, APOCP Coordination Director

**'Analysis of Mammary Carcinogenesis and Tissue Development in the Human Mutated c-Ha-ras Conditional Transgenic Rat'**

Ueda Shinobu, Experimental Pathology and Chemotherapy Division, National Cancer Center Research Institute

**'Modification by Ethinyl Estradiol of N-ethyl-N-nitrosourea Induced Uterine Cancer Development in ICR and rasH2 Mice'**

Watanabe Takao, Department of Pathology, Tokyo University of Agriculture and Technology

**'Chemoprevention using a Mouse Endometrial Cancer Model'**

Niwa Kenji, Department of Tumor Pathology, Gifu University

**'Inhibition of NNK Induced Lung Tumours in A/J Mice by Methoxsalen'**

Imaida Katsumi, Department of Onco-Pathology, Kagawa Medical University

**'Sex-dependence of GST-P Foci Development in a Medium-term Assay System for Hepatocarcinogenesis - Influence of the DEN Dose'**

Izumi Keisuke, Department of Molecular and Environmental Pathology, Tokushima University

**'Carcinogenicity Risk Assessment of Acrylamide and Heterocyclic Amines'**

Nagao Minako, Kyoritsu College of Pharmacy

**'Expression Profile of Growth Inhibitory Factors for Mouse Preneoplastic Hepatocytes'**

Yamamoto Masahiro, 1st Department of Pathology, Asahikawa Medical University

**'Without knowing the past we can not talk about the future - what we have learned in 100 years after the birth of Yoshida Tomizo'**

Hino Okio, Department of Experimental Pathology, Cancer Institute

**'Persistence of Change in Gene Expression in Stomach Mucosa after MNNG Treatment'**

Yamashita Satoshi, Carcinogenesis Division, National Cancer Center Research Institute

**'Modification of Stomach Carcinogenesis in the Helicobacter pylori-infected Mongolian Gerbil'**

Xueyen Cao, Division of Oncological Pathology, Aichi Cancer Center Research Institute

**'Cell Differentiation in the Alimentary Tract'**

Watanabe Hiromitsu, Department of Cellular Biology, Hiroshima University

**'Molecular Mechanisms of Mouse Pre-B Lymphoma Development'**

Hiai Hiroshi, Department of Pathology and Biology of Diseases, Kyoto University

**'Contribution of Abnormal Pre-mRNA Splicing to Hepatocarcinogenesis in the Nagase Analbuminemic Rat'**

Takahashi Masakazu, Department of Pathology, Sasaki Institute

**'Analysis of the Mechanisms of Potassium Bromate Kidney Carcinogenesis in the Rat'**

Umemura Takashi, Department of Pathology, National Institute of Hygienic Sciences