FIRST CONFERENCE OF THE INTERNATIONAL FEDERATION OF SOCIETIES OF TOXICOLOGIC PATHOLOGISTS

"CURRENT METHODS FOR THE EVALUATION OF PATHOLOGY IN TOXICOLOGY"

Symposium I

New Bioassay Methods for Carcinogens

Short-term bioassay system using pancreatic carcinogenesis model. Y. Konishi, M. Tsutsumi, K. Mizumoto, T. Amanuma, K. Horiguchi, T. Tsujiuchi, and A. Denda; p. 252.

Liver medium-term bioassay for hepatic carcinogens. R. Hasegawa, T. Shirai, and N. Ito, p. 253.

Study of the potential carcinogenicity of pesticides using medium-term bioassays. R. Cabral, T. Hoshiya, K. Hakoi, R. Hasegawa, S. Fukushima, and N. Ito. p. 254.

Time-limited *in vivo* multiorgan model assay predictive of chemical carcinogenesis. M.J. Iatropoulos, p. 255.

Symposium II

Issues and problems in Toxicologic Pathology

Non-neoplastic lesions in rodent bioassay. M. Enomoto, p. 258.

Bladder calculi and proliferative effects on bladder carcinogenesis. S.M. Cohen, p. 259.

Non-neoplastic lesions in rodent bioassay. M. Enomoto, p. 258.

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Liver cell foci as preneoplastic lesions. J.M. Ward, p 260-261.

Toxicological significance of kidney lesions found in animal testing. H. Miyajima, p. 261.

Symposium III

Computerization and Image Analysis in Toxicologic Pathology

Three dimensional analysis of liver cell foci. K. Imaida, M. Tatematsu, T. Kato, and N. Ito, p. 264.

Computer-aided visualization of 3-dimensional tissue microstructures: cirrhosis of the liver and its morphogenesis. T. Takahashi, Y. Nakamura, and R. Chiba, P. 265.

Digitized imaging during necropsy and histopathology, a new tool in computerized toxicologic pathology. H. Westen, p. 266.

Scientific findings and public health implications of long-term chemical carcinogenesis experiments. J. Huff, p. 266-268.

New structural concepts for predicting carcinogenicity in rodents: an artificial intelligence approach. G. Klopman, p. 268-269.

The Hannover tumor registry database. U. Mohr and G. Morawietz, p. 269-270.

Workshop

International Perspectives in Risk Assessment of Environmental Chemicals and Drugs

IFSTP guidelines for the design and interpretation of the rodent chronic bioassay. J.M. Faccini, p. 272.

Classification of DNA reactive (genotoxic) and epigenetic (non-genotoxic) carcinogens. G.M. Williams, p. 272-273.

The rational of a classification considering genotoxic versus non-genotoxic carcinogens (non-genotoxic carcinogens) J.A. Swenberg, p. 273-274.

Overview of genotoxic carcinogens and non-genotoxic carcinogens. Y. Hayashi, p. 274-275.

Structure-activity relationship in the toxicity of dioxins as a basis for risk assessment of chemical mixtures. K. Rozman, p. 275-276.