PRINCESS TAKAMATSU CANCER RESEARCH FUND

INTERNATIONAL SYMPOSIA

1st (1970) **Recent Advances in Human Tumor Virology and Immunology**
Waro Nakahara, Kusuya Nishioka, Takeshi Hirayama and Yohei Ito

2nd (1971) **Topics in Chemical Carcinogenesis**
Waro Nakahara, Shozo Takayama, Takashi Sugimura and Shigeyoshi Odashima

3rd (1972) **Analytic and Experimental Epidemiology of Cancer**
Waro Nakahara, Takeshi Hirayama, Kusuya Nishioka and Haruo Sugano

4th (1973) **Differentiation and Control of Malignancy of Tumor Cells**
Waro Nakahara, Tetsuo Ono, Takashi Sugimura and Haruo Sugano

5th (1975) **Host Defense against Cancer and Its Potentiation**
Goro Chihara, Fumiko Fukuoka, Denichi Mizuno, Tadashi Yamamoto and Yuichi Yamamura

6th (1975) **Fundamentals in Cancer Prevention**
Peter N. Magee, Taijiro Matsushima, Takashi Sugimura and Shozo Takayama

7th (1976) **Pathophysiology of Carcinogenesis in Digestive Organs**
Emmanuel Farber, Takashi Kawachi, Takeo Nagayo, Haruo Sugano, Takashi Sugimura and John H. Weisburger

8th (1977) **Advances in Cancer Chemotherapy**
Stephen K. Carter, Abraham Goldin, Kazuo Kuretani, Georges Mathe, Yoshio Sakurai, Shigeru Tsukagoshi and Hamao Umezawa

9th (1979) **Naturally Occurring Carcinogens-Mutagens and Modulators of Carcinogenesis**
Iwao Hirono, Elizabeth C. Miller, James A. Miller, Takashi Sugimura and Shozo Takayama

10th (1979) **Genetic and Environmental Factors in Experimental and Human Cancer**
Harry V. Gelboin, Brian MacMahon, Taijiro Matsushima, Takashi Sugimura, Shozo Takayama and Hiraku Takebe

11th (1980) **Phyletic Approaches to Cancer**
Clyde J. Dawe, John C. Harshbarger, Sohei Kondo, Takashi Sugimura and Shozo Takayama

12th (1981) **Primary and Tertiary Structure of Nucleic Acids and Cancer Research**
Masanao Miwa, Susumu Nishimura, Alexander Rich, Dieter G. Soll and Takashi Sugimura

13th (1982) **ADP-ribosylation, DNA Repair and Cancer**
Osamu Hayaishi, Masanao Miwa, Sydney Shall, Mark Smulson and Takashi Sugimura

14th (1983) **Cellular Interactions by Environmental Tumor Promoters**
Hirota Fujiki, Erich Hecker, Richard E. Moore, Takashi Sugimura and I. Bernard Weinstein

15th (1984) Retroviruses in Human Lymphoma/Leukemia
Masanao Miwa, Haruo Sugano, Takashi Sugimura and Robin A. Weiss

16th (1985) Diet, Nutrition and Cancer
Yuzo Hayashi, Minako Nagano, Takashi Sugimura, Shozo Takayama, Lorenzo Tomatis, Lee. W. Wattenberg and Gerald N. Wogan

17th (1986) Oncogenes and Cancer
Stuart A. Aaronson, J. Michael Bishop, Takashi Sugimura, Masaaki Terada, Kumao Toyoshima and Peter K. Vogt

18th (1987) Unusual Occurrences as Clues to Cancer Etiology
Joseph F. Fraumeni, Jr., Robert W. Miller, Haruo Sugano, Takashi Sugimura, Shozo Takayama and Shaw Watanabe

19th (1988) Immune System and Cancer
Toshiyuki Hamaoka, Richard J. Hodes, George Klein, Takashi Sugimura, Shozo Takayama and Yuichi Yamamura

20th (1989) Genetic Basis for Carcinogenesis: Tumor Suppressor Genes and Oncogenes
Alfred G. Knudson, Jr., Eric J. Stanbridge, Takashi Sugimura, Masaaki Terada and Shaw Watanabe

21st (1990) Xenobiotics and Cancer: Implications for Chemical Carcinogenesis and Cancer Chemotherapy
Lars Ernster, Hiroyasu Esumi, Yoshiaki Fujii, Harry V. Gelboin, Ryuichi Kato and Takashi Sugimura

22nd (1991) Multistage Carcinogenesis
Curtis C. Harris, Setsuo Hirohashi, Nobuyuki Ito, Henry C. Pitot, Takashi Sugimura, Masaaki Terada and Jun Yokota

23rd (1992) Heterocyclic Amines in Cooked Foods: Possible Human Carcinogens
Richard H. Adamson, Jan-Åke Gustaffson, Nobuyuki Ito, Minako Nagao, Takashi Sugimura, Keiji Wakabayashi and Yasushi Yamazoe

24th (1993) Molecular and Cellular Basis for Cell to Cell Interaction: Its Significance in Cancer
Setsuo Hirohashi, Harold L. Moses, Erkki Ruoslahti, Takashi Sugimura, Masatoshi Takeichi and Masaaki Terada

25th (1994) Hepatitis C Virus and Its Involvement in the Development of Hepatocellular Carcinoma
Kenichi Kobayashi, Robert Purcell, Kunitada Shimotohno and Edward Tabor

26th (1995) Genomic Instability and Carcinogenesis
Setsuo Hirohashi, Lawrence A. Loeb, Takashi Sugimura, Masaaki Terada and Thea D. Tlsty

27th (1996) Fundamentals of Cancer Prevention
Allan H. Conney, Nobuyuki Ito, Takashi Sugimura, Masaaki Terada, Keiji Wakabayashi and I. Bernard Weinstein

28th (1997) Cancer Genomics
Carlo M. Croce, Yusuke Nakamura, Misao Ohki, Takashi Sugimura, Masaaki Terada and Raymond L. White

29th (1998) Molecular Basis for Invasion and Metastasis
Isaiah J. Fidler, Yoshiro Niitsu, Motoharu Seiki, Takashi Sugimura and Jun Yokota

30th (1999) New Frontiers in Mechanistic Cancer Research in Animal Models
Samuel M. Cohen, Okio Hino, Takatoshi Ishikawa, Hitoshi Nakagama, Tomoyuki Shirai and Takashi Sugimura

31st (2000) **DNA Methylation and Cancer**
Setsuo Hirohashi, Peter A. Jones, Masanao Miwa, Hideyuki Saya and Toshikazu Ushijima

32nd (2001) **Basic and Clinical Research on Tumor Makers**
Ken Yamaguchi, J. Carl Barrett, John E. Shively, Kozo Imai and Tadao Kakizoe

33rd (2002) **Innovative Achievements in Cancer Imaging**
Tadao Kakizoe, Pablo R. Ros, Yuji Itai and Noriyuki Moriyama

34th (2003) **Cancer Immunotherapy**
Kumao Toyoshima, J. Carl Barrett, Eva Klein, Yoshiyuki Hashimoto and Hiro Wakasugi

35th (2004) **Current Challenges and Novel Approaches to Modern Cancer Drug Discovery and Development**
Susumu Nishimura, Jackson B. Gibbs, Hiroyasu Esumi, Nagahiro Saijo and Takashi Tsuruo

36th (2005) **Developments in Cancer Epidemiology**
- Prospects for Cancer Control in the Asian Pacific
Suketami Tominaga, Malcolm A. Moore, Kazuo Tajima and Shoichiro Tsugane

37th (2006) **Cancer Microenvironments**
Hiroyasu Esumi, Harold L. Moses, Setsuo Hirohashi and Kohei Miyazono

38th (2007) **Current Challenges in the Understanding and Management of Colon Cancer**
Hitoshi Nakagama, William F. Dove, Hideki Mori and Keiji Wakabayashi

39th (2008) **Metabolic Syndrome: Carcinogenesis and Prevention**
Keiji Wakabayashi, Walter C. Willett, Takashi Kadowaki and Shoichiro Tsugane

40th (2009) **DNA Repair and Human Cancers**
Susumu Nishimura, Lawrence A. Loeb, Mitsuko Masutani, Hitoshi Nakagama and Takao Sekiya

41st (2010) **Basic and Clinical Frontiers of Cancer Epigenetics**
Toshikazu Ushijima, Peter A. Jones, Yae Kanai, and Takao Sekiya

42nd (2011) **Prostate Cancer: Biology, Carcinogenesis, and Prevention**
Tomoyuki Shirai, Maarten C. Bosland, Hitoshi Nakagama, Yoshiki Sugimura, Taiji Tsukamoto, and Keiji Wakabayashi

43rd (2012) **Cancer Heterogeneity: Impact on Carcinogenesis, Cancer Stem Cell, Microenvironment, Diagnosis and Treatment**
Atsushi Ochiai, Thea D. Tlsty, Hiroyasu Esumi, and Hideyuki Saya

44th (2013) **Advances and Future Directions of Cancer Epidemiology**
Kazuo Tajima, Paolo Boffetta, Nobuyuki Hamajima, Tomotaka Sobue and Shoichiro Tsugane

45th (2014) **Recent Advances in Cancer Immunothrapy**
Shimon Sakaguchi, Jedd D. Wolchok, Yuji Heike, Yuzuru Kanakura, Yutaka Kawakami and Haruo Sugiyama

46th (2015) **Onco-metabolomics; A New Clue to Understand Carcinogenesis, Cancer Biology and to Develop Novel Diagnostics and Therapeutics**
Hiroyasu Esumi, Tak W. Mak, Masaki Mori, Tomoyoshi Soga and Makoto Suematsu

47th (2016) **Current Status and Perspective of Cancer Stem Cell Research**
Masaki Mori, Michael F. Clarke, Hans Clevers, Koichi Akashi and Hideyuki Saya

48th (2017) Complexity in Cancer-host Crosstalk

Hitoshi Nakagama, Michael Karin, Yoshinori Murakami, Mutsuhiro Takekawa and Kohei Miyazono

49th (2018) Deciphering, Simulating and Editing of the Cancer Genome

Tatsuhiro Shibata, Matthew Meyerson, Peter Campbell and Hiroyuki Aburatani

50th (2019) New Horizons For Cancer Research and Precision Medicine

Hiroyuki Mano, Elaine R. Mardis, Kohzoh Imai, Masanobu Oshima and Ryuzo Ueda

51st (2023) Environmental Impact on Clonal Evolution and Cancer Development

Hiroyuki Tsuda, Allan Balmain, Hitoshi Nakagama, Fuyuki Ishikawa and Yukari Totsuka