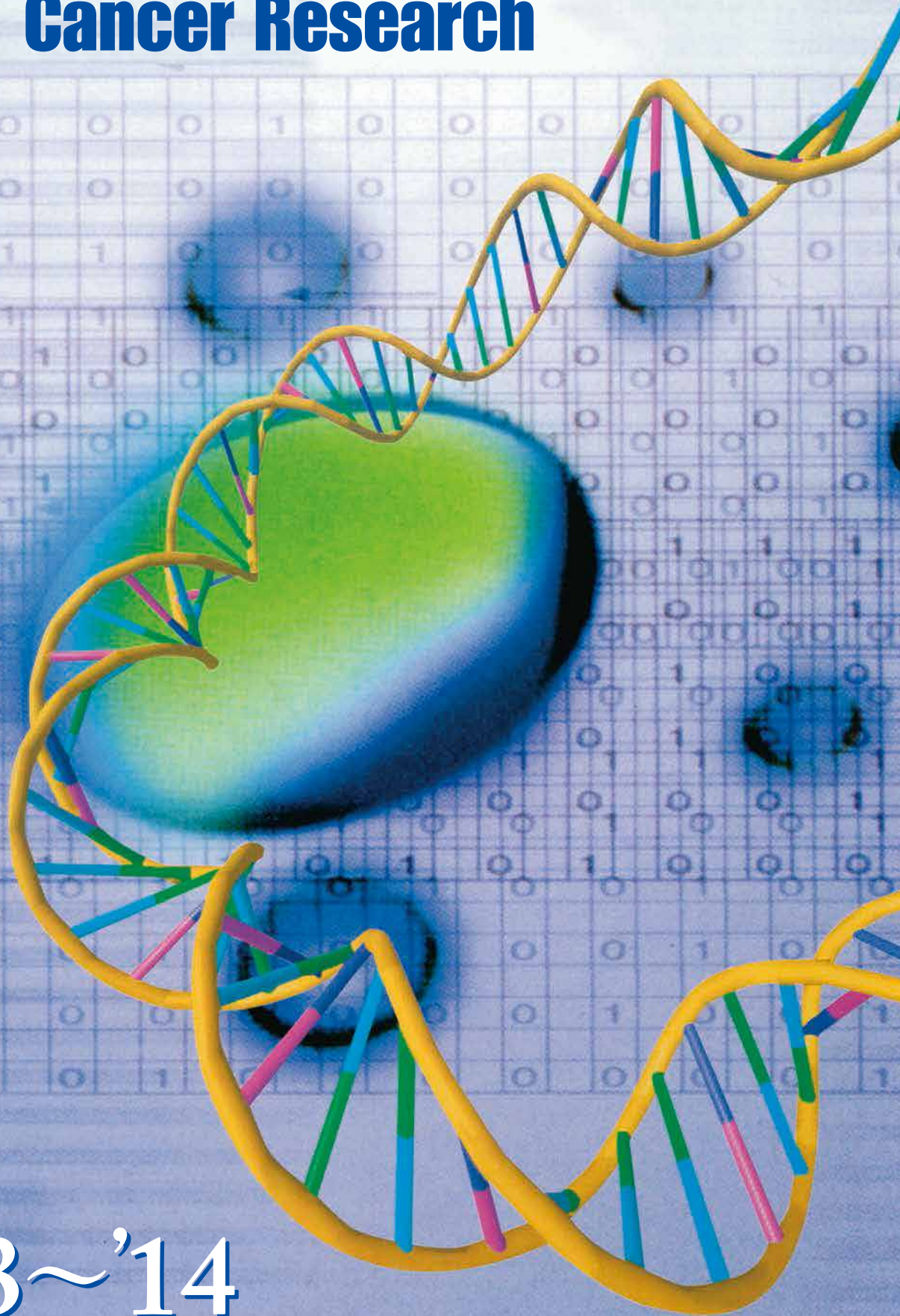


Foundation for Promotion of Cancer Research



2013~'14

Foundation for Promotion of Cancer Research 2013~2014

The Foundation was launched as “Cancer Research Foundation” in September 1968 to respond to the strong desire of the people to conquer cancer, and has provided grants to support cancer researchers from the public funds.

In March 1984, as the Comprehensive 10-year Strategy for Cancer Control was initiated, the Foundation changed its name to the current “Foundation or Promotion of Cancer Research.” In April 2012, it evolved into a "Public Interest Incorporated Foundation.”

Following "Comprehensive 10-year Strategy for Cancer Control" (1984-1993), "New 10-Year Strategy to Overcome Cancer" (1994-2003), and "The 3rd-term Comprehensive 10-year Strategy for Cancer Control" (2004-2013), and in April 2014, new "10-year Strategy for Cancer Research" will be launched this year.

Public and private sectors have made efforts to promote cancer research which led to many achievements. However, considering that one in two people is diagnosed with some form of cancer and one in three people die of cancer, there remain many challenges towards the eradication of cancer.

The Foundation will continue to further promote various activities to support cancer research.

Role of the Foundation for Promotion of Cancer Research

History

September 1968, launched as the “Cancer Research Foundation” authorized by the Ministry of Health and Welfare of Japan

March 1984, changed its name to the current “Foundation or Promotion of Cancer Research” by an article of association

April 2012, evolving into a “Public Interest Foundation”

Objectives

The Foundation for Promotion of Cancer Research has promoted various activities, for example by providing grants to support cancer researchers and diffusing accurate knowledge of cancer, aiming at successful cancer control.

Activities

1. Provides grants to support cancer research.
2. Promotes international cooperation and exchange in cancer research programs.
3. Supports training programs for young scientists and engineers.
4. Provides accurate information on cancer for citizens.
5. Corresponds and cooperates with cancer research institutes inside and outside of Japan.
6. Conducts all business necessary to achieve the purposes of the foundation.

History of cancer research promotion by the government

1984~1993

Comprehensive 10-year Strategy for Cancer Control

(Ministry of Health and Welfare, Ministry of Education, and Science and Technology Agency)

"Elucidation of cancer pathogenesis"

- ① Research on human cancer genes
- ② Research on human carcinogenesis by viruses
- ③ Research on carcinogenesis and cancer suppression
- ④ Research on the development of new technologies for early diagnosis
- ⑤ Research on the development of treatments based on new theories
- ⑥ Research on immune control functions and substances

1994~2003

New 10-Year Strategy to Overcome Cancer

(Ministry of Health and Welfare, Ministry of Education, Science and Technology Agency)

"Elucidation of cancer pathogenesis to overcome cancer"

- ① Research on the molecular mechanisms of carcinogenesis
- ② Research on metastasis and invasion and the characteristics of cancer cells
- ③ Research on cancer predisposition and immunity
- ④ Research on cancer prevention
- ⑤ Research on the development of new diagnostic technologies
- ⑥ Research on the development of new treatments
- ⑦ Research on the QOL of cancer patients

2004~2013

The 3rd-term Comprehensive 10-year Strategy for Cancer Control

(Ministry of Health, Labour and Welfare and Ministry of Education, Culture, Sports, Science)

"Drastic reduction in cancer morbidity and mortality"

- ① Elucidation of cancer pathogenesis
- ② Application of the results of basic research to cancer prevention, diagnosis, and treatment
- ③ Development of innovative cancer prevention, diagnosis, and treatment methods
- ④ Reduction of lifetime cancer incidence by promoting cancer prevention
- ⑤ Elimination of disparities of cancer care

August 2006: Cancer Control Act established

April 2007: Cancer Control Act enforced

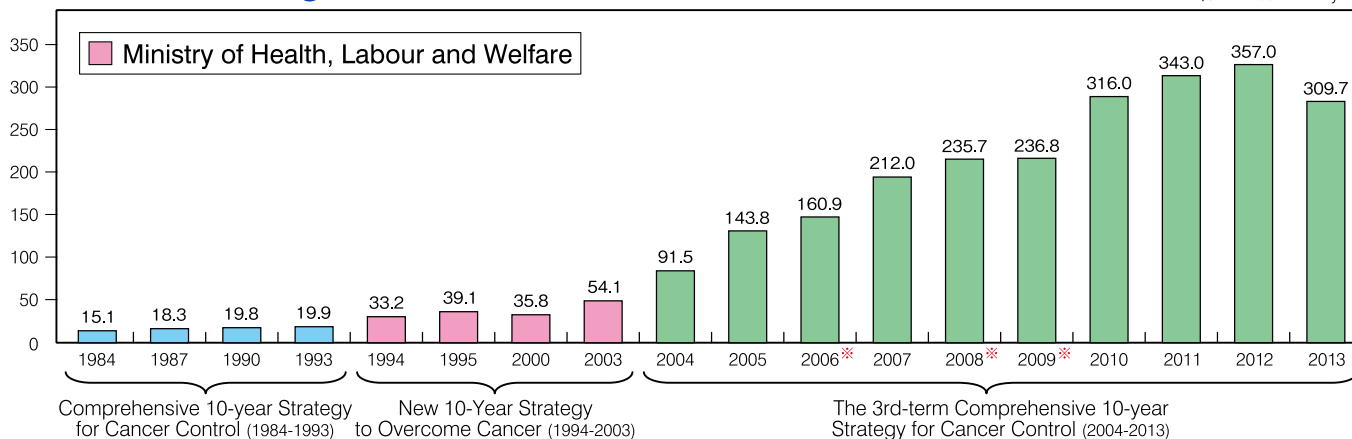
June 2007: Basic Plan to Promote Cancer Control Programs adopted by a Cabinet meeting

June 2012 Basic Plan to Promote Cancer Control Programs (second term) adopted by a Cabinet meeting

April 2014: 10-year Strategy for Cancer Research launched

Trend in the budget for cancer control

(Unit : 100 million yen)



*1.5 billion yen, 0.8 billion yen, and 23.7 billion yen were added under supplemental budget in 2006, 2008, and 2009 respectively

Various Pr

Research Resident Fellowship

Young researchers are employed and allowed to participate in cancer research to develop human resources who will play a central role in cancer research in the future.

Results of the Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Background	Medicine	Dentistry	Physical Science	Pharmacology	Agriculture	Total
No. of Research Residents Employed	345	9	36	44	19	453

Results of the New 10-Year Strategy to Overcome Cancer

Unit: Person

Background	Medicine	Dentistry	Physical Science	Pharmacology	Agriculture	Others	Total
No. of Research Residents Employed	586	23	25	49	19	51	753

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

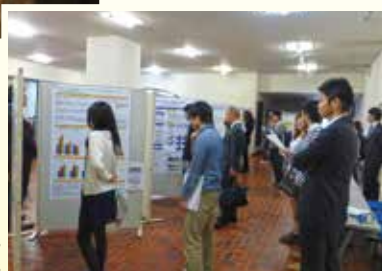
Background	Medicine	Dentistry	Physical Science	Pharmacology	Agriculture	Others	Total
2004	59	4	8	5	4	8	88
2005	57	2	8	6	6	13	92
2006	51	3	4	7	5	15	85
2007	54	2	5	8	8	16	93
2008	38	4	9	10	9	22	92
2009	30	2	7	11	9	22	81
2010	33	0	4	8	7	24	76
2011	26	0	2	4	2	4	38
2012	23	1	1	3	0	3	31
2013	24	1	1	2	0	3	31



The foreign researcher who is in charge of research with a Japanese researcher.



Presentation of research results by Research Residents



Exchange Program for Japanese Researchers

Japanese cancer researchers are dispatched to foreign universities and research institutions to collaborate with researchers there in the pioneering fields of cancer research

Results of the Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Fiscal Year	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	Total
No. of Researchers	12	20	22	20	30	29	35	35	34	43	280

Results of the New 10-Year Strategy to Overcome Cancer

Unit: Person

Fiscal Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
No. of Researchers	34	35	41	37	37	23	31	17	50	51	356

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
USA	24	16	11	8	11	6	—	1	—	—
Italy	2	3	—	1	—	—	—	—	—	—
UK	1	1	4	—	1	—	—	—	—	—
France	2	3	—	—	—	—	—	—	—	—
Colombia	1	—	—	—	—	—	—	—	—	—
Taiwan	1	—	—	—	—	—	—	—	—	—
China	7	—	2	9	8	—	—	5	—	—
Canada	1	1	—	1	—	—	—	—	—	—
Denmark	1	—	—	—	—	—	—	—	—	—
Germany	1	4	—	2	10	—	—	—	—	—
Korea	7	—	5	—	6	—	1	—	—	—
Vietnam	4	—	—	—	—	—	—	—	—	—
Austria	2	—	—	—	—	—	—	—	—	—
Czech	5	—	1	—	—	—	—	—	—	—
Switzerland	—	1	—	—	—	—	1	—	—	—
Holland	—	1	—	—	—	—	—	—	—	—
Philippines	—	1	—	—	—	—	—	—	—	—
Spain	—	2	—	1	—	—	—	—	—	—
Mongolia	—	—	4	4	—	—	—	—	—	—
Thailand	—	—	1	—	1	—	—	—	—	—
Brazil	—	—	—	1	—	—	—	—	—	—
India	—	—	—	—	3	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	1
Total	59	33	28	27	40	6	2	6	0	1

* It was stopped according to the situation of the acceptance partner country.

Research Contracts with Foreign Institutes

Difficult research subjects in Japan are contracted out to prestigious foreign research institutions.

Results of the Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Fiscal Year	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	Total
No. of Researchers	12	20	22	20	30	29	35	35	34	43	280

Results of the New 10-Year Strategy to Overcome Cancer

Unit: Person

Fiscal Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
No. of Researchers	1	3	1	3	4	3	3	3	2	2	25

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Fiscal Year	No. of Projects
2005	1
2006	1
2007	1

Aiming at Cancer Control Programs Conducted by the Foundation

Guest Researchers

Leading researchers are invited from foreign countries to promote international joint research.

Results of the Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Fiscal Year	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	Total
No. of Scientists	13	32	37	45	48	29	47	39	34	27	351

Results of the New 10-Year Strategy to Overcome Cancer

Unit: Person

Fiscal Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total
No. of Scientists	15	25	26	21	48	31	39	26	26	25	282



Study Meeting together with Foreign Scientists

Lecture Program

The world's leading cancer researchers are invited to hold international cancer research conferences (lectureship).

Results of the Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	Invited Scientists
1984 ~ 1993	USA: Dr. Paul A. Marks and other 25 scientists
	France: Dr. Lorenzo Tomatis and other 1 scientist
	Sweden: Dr. Claes Ramel and other 1 scientist
	UK: Sir Walter Bodmer
	West Germany: Dr. Harald zur Hausen
	Holland: Dr. Paul H. M. Lohman and other 2 scientists
	Soviet Union: Dr. Nikolai N. Trapoznikov
	Australia: Dr. A. J. McMichael



Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Unit: Person

Country	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
USA	7	4	3	8	4	1	—	2	1	1
Turkey	3	1	1	—	—	—	—	—	—	—
China	2	3	2	2	6	1	2	1	—	—
Columbia	1	1	—	—	—	—	—	—	—	—
Australia	1	—	—	—	—	—	—	—	—	—
Mongolia	1	—	1	—	—	—	—	—	—	—
Ukraine	1	—	1	1	—	—	—	—	—	—
UK	3	3	3	1	—	1	—	—	—	—
Korea	2	4	2	1	4	2	1	—	—	—
Germany	2	—	2	1	1	—	—	—	1	—
Bangladesh	1	—	1	1	1	1	—	—	—	—
Italy	1	—	—	—	—	—	—	—	—	—
Thailand	—	3	7	3	1	—	—	—	1	—
Poland	—	2	1	2	1	—	—	—	—	—
India	—	1	1	—	—	—	—	—	—	—
Austria	—	—	1	—	—	—	—	—	—	—
Singapore	—	—	1	—	—	—	—	—	—	—
Israel	—	—	1	—	—	—	—	—	—	—
Pakistan	—	—	1	—	—	—	—	—	—	—
Vietnam	—	—	1	—	—	—	—	1	—	—
France	—	—	—	1	—	—	—	—	—	—
Nepal	—	—	—	—	2	—	—	—	—	—
Indonesia	—	—	—	—	1	—	1	—	—	—
Philippines	—	—	—	—	1	—	1	1	—	—
Sweden	—	—	—	—	—	1	—	—	1	—
Taiwan	—	—	—	—	—	—	2	1	—	—
Total	25	22	30	21	22	7	7	6	4	1

Results of the New 10-Year Strategy to Overcome Cancer

Fiscal Year	Invited Scientists
1994 ~ 2003	USA: Dr. Richard H. Adamson and other 12 scientists
	France: Dr. Gilbert F. Masia
	Sweden: Dr. Anders Zetterberg
	UK: Dr. Terance H. Rabiitte
	Germany: Dr. Manfred F. Rajewsky and other 1 scientist
	Finland: Dr. Kari Alitalo
	Switzerland: Dr. Roger Wail
	Australia: Dr. Rolf Schulte Hermann and other 1 scientist
	Canada: Dr. Alan Bernstein
	China: Dr. You Hui Zhang
	Korea: Dr. Jacob Burke

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	Invited Scientists
2004 ~ 2009	Germany: Dr. Kari Hemminki
	USA: Dr. Susan Band Horwitz
	USA: Dr. Arthur Riggs
	USA: Dr. Barnet Kremer
	USA: Dr. Carlo Croce
	USA: Dr. Lorence Marnette
	USA: Dr. John Schiller

Cancer Control Initiation for Promotion of Cancer

International Cancer Symposia

The world's prominent cancer researchers are invited to hold symposia with Japanese researchers.

Results of the Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	Theme
1987	Fundamental and Clinical Research in Lung Cancer
1988	Fundamental and Clinical Research in Liver Cancer
1989	Fundamental and Clinical Research in Multiple Primary Cancer
1990	Fundamental and Clinical Research in Urogenital Cancer
1991	Fundamental and Clinical Research in Pancreatic and Biliary Tract Cancer
1992	Fundamental and Clinical Research in Esophageal Cancer
1993	Fundamental and Clinical Research in Lung Cancer

Results of the New 10-Year Strategy to Overcome Cancer

Fiscal Year	Theme
1994	Basic and Clinical Research in Colorectal Cancer
1995	Basic and Clinical Research in Brain Tumor
1996	Basic and Clinical Research in Head and Neck Cancer
1997	Basic and Clinical Research in Gastric Cancer
1998	Basic and Clinical Research in Breast Cancer
1999	Cancer Screening-Past, Present and Future
2000	Treatment for Pain caused by Cancer, Palliative Care and Mental Care Oncology-Present Status and Future Prospect
2001	Current Progress in Blood Cancer Diagnosis and Treatment
2002	Basic and Clinical Research in Pancreatic Cancer Recent Progress
2003	Basic and Clinical Research in Gastric Cancer Recent Progress

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	Theme
2004	Problems and Challenges in regard to Prostate Cancer
2005	Infection, Cancer and Prevention
2006	Physiological Changes and QOL (Quality of Life) after Radical Cancer Operations
2007	Recent Radiation Oncology: Technical Progress and Research for Clinical Introduction of Technology
2009	Recent Progress on Head and Neck Cancer and
2010	Recent Progress on Breast Cancer : Challenges to Integration of Emerging Sciences
2011	Malignant Brain Tumors : The Present Status and Future Prospects
2012	Radiation and cancer
2013	World's cancer research today - Challenges for next therapeutic strategies for cancer -



International Cancer Research Symposium

Cancer Research Grants

Research grants are annually awarded to excellent researchers who developed new fields of cancer treatments, by the Cancer Research Grant Council.

In 2013 (46th), grants were awarded to 24 researchers.

General subject A (JP ¥1,000,000) 10 persons
 General subject B (JP ¥500,000) 10 persons
 Special subject (JP ¥2,000,000) 4 persons

International Cancer Nursing Seminar

Health-care professionals involved in nursing care for cancer meet together from the inside and outside Japan to hold a seminar in order to improve nursing and medical care that support cancer patients and their families.

Fiscal Year	Theme
2000	Aiming at the Enhancement of Cancer Nursing Practical Capability
2001	Education and Practice in the Cancer Nursing Field
2002	Supporting Cancer Patients and their Families
2003	Supporting Cancer Patients and their Families part II
2004	Aiming at Self-Support of Cancer Patient
2005	Future Cancer Nursing
2006	Future Cancer Nursing part II
2007	Changing Cancer Nursing
2008	Changing Cancer Nursing part II
2009	Role of Nursing for Outpatients with Cancer part I
2010	Role of Nursing for Outpatients with Cancer part II
2011	Improving the continuity of Cancer Nursing part I
2012	Improving the continuity of Cancer Nursing part II
2013	2013 Cancer of the elderly, "Nursing care and research to respect patient's personality" - Asian countries -



International Cancer Nursing Seminar



Open Campus(Open seminars for citizens)

Research

Exhibitions and Scientific Lectures

Exhibitions and lectures are organized to publicize the latest information of current cancer research, treatment, and prevention, in order to disseminate correct knowledge and prophylaxes of cancer.

(JKA assistant industry)

Results of the Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	No. of Venues, etc.
1987 ~ 1993	No. Venues: 78 Participants: 399,055

Results of the New 10-Year Strategy to Overcome Cancer

Fiscal Year	No. of Venues, etc.
1994 ~ 2003	No. of Venues: 77 Participants: 248,519

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

Fiscal Year	No. of Venues, etc.
2004	8 venues including one in Abiko City, Participants: 16,640
2005	14 venues including one in Kitakyushu City, Participants: 44,595
2006	12 venues including one in Sapporo City, Participants: 89,400
2007	12 venues including one in Miyazaki City, Participants: 122,840
2008	12 venues including one in Kagoshima City, Participants: 83,050
2009	12 venues including one in Koufu City, Participants: 142,500

Open seminars for citizens

The open seminar program was first established in 2008. The component lectures based on the results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Research are an impressive source of up-to-date information for citizens.

Fiscal Year	Theme
2008	Aiming at Cancer Control
2009	New Challenges for Cancer Control
2010	New Challenges for Cancer Control
2011	New Challenges to Overcomes Cancer
2012	New Challenges to Overcomes Cancer
2013	Recent Results of Carcinogenesis and Prevention -Results of Research and Theme

Public Relations

Informative pamphlets, posters and calendars are prepared for the transfer of information on cancer prevention and treatment to the general public.

(Japan Lottery Association Supported Operation)

Results of the Comprehensive 10-Year Strategy for Cancer Control

年度	Operation Description
1985 ~ 1993	Cancer Prevention 12 tips, cancer information easy to understand, the relationship between smoking and lung cancer, Cancer Control Strategies PR poster and calendar, preparation and distribution of cancer statistics, preparation of 16mm films "Challenge Cancer" and "Points to Prevent Cancer", etc.

Results of the New 10-Year Strategy to Overcome Cancer

年度	Operation Description
1994 ~ 2003	Cancer Prevention 12 tips, cancer information easy to understand, the relationship between smoking and lung cancer, how to treat cancer (General Volume, Lung Cancer Volume and Gastric Cancer Volume), preparation of calendar and poster (for Cancer Control Strategies PR and Smoking Cessation Instruction) and Cancer Statistics in Japan, etc.

Results of the 3rd-term Comprehensive 10-Year Strategy for Cancer Control

年度	Operation Description
2004 ~ 2010	Cancer Prevention 12 tips, cancer information easy to understand, relationship between smoking and lung cancer, a twelve-item calendar, preparation and distribution of a book on "How to Treat Cancer" (Breast Cancer, Liver Cancer, Colorectal Cancer, Outpatient Anticancer Agent Therapy, Uterine Cancer, Prostate Cancer, Radiation Therapy, Dietetics for Cancer Patients, Ovarian Cancer, Esophageal Cancer, Pancreatic Cancer, Palliative Care, Description of Cancer and Cancer and Daily Life Volumes), Cancer Prevention 12 new tips, Cancer Statistics in Japan, etc.
2011 ~ 2013	Pamphlets are prepared and distributed, for example, "Preventable Cervix Cancer," "Preventable Colon Cancers," "Early Detection of Breast Cancer for Cure," and "Reasons for Quitting Smoking."





Foundation for Promotion of Cancer Research

c/o International Lecture Hall

5-1-1, Tsukiji, Chuo-ku, Tokyo 104-0045

Tel 03-3543-0332 Fax 03-3546-7826 E-mail: info@fpcr.or.jp

Web site: <http://www.fpcr.or.jp/>