

CANCER RESEARCH INSTITUTE

The Cancer Research Institute of Seoul National University

History and Objectives

The Cancer Research Institute of the Seoul National University was founded in 1963 as an independent and nonprofit academic organization to study the etiology, pathogenesis, biology, diagnosis, treatment, prevention and epidemiology of cancers. The former directors of the Institute were the late Professors Byong Ho Chin (1963-1972), Chae Koo Lee (1972-1976), Professors Sang Kook Lee (1976-1977), Munho Lee (1977-1988), Woo Hyun Chang (1988-1993), and Jae-Gahb Park (1993-2000). For more than 37 years, the Cancer Research Institute has been a pioneer and guiding force in the field of cancer research in Korea. The institute continuously thrived to take a leading role in the most exciting and promising areas of cancer research. As a result of the continued efforts, this institute was designated as "The Science Research Center" by Korean Science and Engineering Foundation in 1991. In 2000, the Institute moved to a new 10 storey building kindly donated by Samsung Electronics.

Organization

The Cancer Research is located within the Medical campus of the Seoul National University, at Yongon-Dong, Chongno-Gu, Seoul, Korea. There are several decision-



Dr Yung-Jue Bang, Present Director

making bodies at different levels within the Institute, as described below:

- *Director:* The Director of the Institute is appointed by the President of the University based upon the recommendation of the relevant experts.

- *Advisory Committee:* The committee consists of prominent administrators, researchers and educators in the fields of cancer research at the national level. The function is to assist the Director in conducting research and in determining the policies of the Institute.

Major Activities

The main purpose of this institute is to conduct basic and translational research to find new ways to prevent, detect, and treat cancer for the goal of 'Freedom from Cancer'. To achieve this purpose, the institute will focus our efforts on the following principles. First, we shall continue to develop new programs that will enable us to keep scientific excellence. Especially, we will develop new projects based on the unique characteristics of our country. Second, new infrastructure in which new research and discovery can seed, breathe and accelerate will be created. Third, to achieve global excellence, collaboration with world leading researchers will be reinforced. Finally, every effort for new discoveries to be translated from bench into bed will be ensured.

Graduate Course on Cancer Biology: Cooperative graduate course on cancer biology started in 1997. The director of the course organizes the curriculum and student affairs.

Korean Cell Line Bank: The Cell Bank is working on the establishment of human cell lines from human tissues and has already established 210 human cell lines from 1,700 Korean patients. The Korean Cell Line Bank, a unique nonprofit resource approved by the World Intellectual Property Organization (WIPO), is dedicated to collection, preservation and distribution of authentic cultures of human tumor cells from Korean origin and other international cell banks.

New Research Building: Intelligent laboratory building for cancer research and education was established in southern part of the medical campus. The new building is 10 stories high, and consists of research laboratories, cancer museum, broadcasting facilities, and information core facility. The construction started in 1997 and opened in March, 2000. (photo)

Cancer Museum

Purpose

Cancer Museum is the only museum in the world about cancer. It opened in August, 2000, at the 1st Floor of the new research building. It provides recent and accurate information about cause, diagnosis, prevention and treatment of cancer and rehabilitation from cancer.

Layout

Cancer Today

It shows various statistical data and social index related to cancer comparing with cancer incidence of other countries.

Introduction

It shows principle and process of cancer cell growth and helps understanding about characteristics of cancer precisely.

Type of Cancer

It shows various type of cancer explaining symptom and treatment. For example, stomach cancer, liver cancer, lung cancer, breast cancer, colon cancer and cervical cancer, etc.

Diagnosis and Treatment

It shows various methods of diagnosis and treatment. Especially PET is recent diagnostic approach.

Prevention and Rehabilitation

Cancer prevention is important aspect. It shows major cancer prevention approach. For example, diet and nutrition, tobacco cessation, and early detection and screening are explained. Also life style change is recommended to prevent cancer.



Imaging Equipment

Research and Future Technology

It shows state-of-the-art treatment and research.

Other Facilities for Cancer Research

Producing & recording educational audio visual programs

1:1 Oversea visual communication system

Internet lecture service

Auditoria

1) Lee Kun-Hee Auditorium 70 seats

Multi media presentation system

1:1 Visual communication system

Concurrent interpretation system

2) 60 seat Lecture Room

3) 20 seat Conference Room



State of the Art Auditorium