

【Name of Institution】

Kanazawa University, Cancer Research Institute and Graduate School of Medical Sciences

【Project Name】

Rearing of medical scientists and physician-scientists, who can develop cancer diagnosis and treatment

【Project Outline】

Japan is at the international height in various fields of fundamental research on cancer. However, it is frequently a few years behind other advanced countries in the development of cancer diagnosis and treatment, because of the great gap between so-called “bench” and “bed”. This great gap arises from shortage of researchers with knowledge on clinical aspects of cancer and physician-scientists with knowledge on fundamental aspects of cancer biology in academia, as well as incomplete collaboration among its industry-academia-bureaucracy.

In the present plan, we are going to conduct the following projects, in order to rear medical scientists and physician-scientists, who can develop cancer diagnosis and treatment.

#1. Graduate students, who are after a physician-scientist, will be trained in Department of Cancer Cell Biology, MD Anderson Cancer Center, with a good reputation in the United States. Through this training, the trainee will be expected to gain in-depth scientific understanding on “cancer biology”, and to be prepared for further training for a physician-scientist acknowledged internationally.

#2. Graduate students in the third or fourth grade, postdoctoral fellows, or young assistant professors will conduct their research at the distinguished cancer research institutes in the United States, under the guidance of excellent researchers there. This experience will give the trainees the basis as internationally recognized medical scientists and physician-scientists.

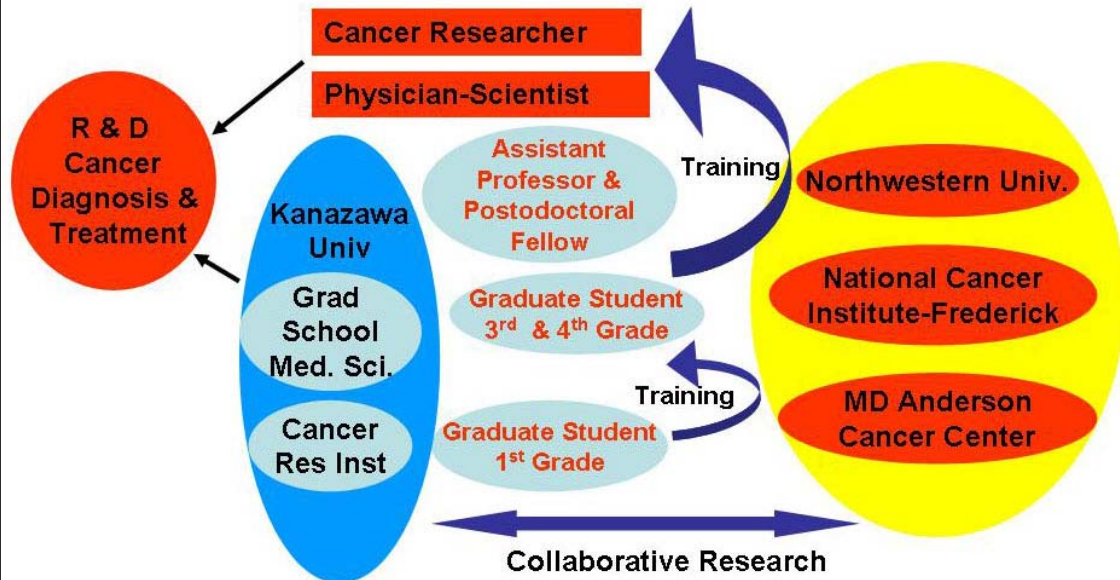
【Domestic Partner Institution(s)】

None

【Overseas Partner Institution(s)】

Department of Cancer Cell Biology, MD Anderson Cancer Center	Houston, TX, USA
National Cancer Institute-Frederick	Frederick, MD, USA
Department of Microbiology-Immunology, Northwestern University	Chicago, IL, USA

【Conceptual Scheme of the Project】



【Contact】

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