For medical professionals who are thinking
“I wish somebody would develop this technology that we need in clinical practice…”

For people in companies who are thinking
“How can our technologies be used for medical care?”

Welcome to RIKEN

Preventive Medicine and Diagnosis Innovation Program (PMI) provides opportunities connecting research, medical care and companies to realize cutting-edge medical technologies in medical practice.

We harvest knowledge and technologies which are abundant in RIKEN with you and provide answers to your needs.
I really wish somebody would develop this technology that we need in clinical practice.

I wonder how I can put our technology into use to fulfill medical needs.
I wonder if there are mechanisms for accelerating the process of product development.
Who can I consult about R&D?

You may have these same concerns. If so, PMI is happy to give individualized advice to medical professionals, clinical researchers, corporate researchers, and researchers in basic science who are confronting any of these important questions.
What’s special about PMI?

- Access to various technologies and knowledge produced by RIKEN, the Japan’s largest comprehensive research institution.
- Counseling with professionals in the fields of medical science, molecular biology, Bioinformatics and regulatory science.
- Flexible management for projects and research subjects based on the matrix system.
- Platform to lead to clinical research using clinical samples.
- Promotion of collaborations with hospitals for clinical research and studies for clinical usefulness.

Matrix System

We have developed a matrix system, under which RIKEN units are organized around research breakthroughs and then brought together to work on appropriate research themes.

Under this matrix system, an independent environment is established on each research theme, with the merit that confidentiality can be easily maintained.
Our message at the RIKEN Preventive Medicine & Diagnosis Innovation Program (PMI) is geared to the many medical professionals who wish they had a better way to diagnose some disorder, and to people serving in industry who have a technology that they wish could be put to use in the clinic. Our aim is to promote collaborations between these people and RIKEN researchers, with the aim to bring leading-edge medical innovations into clinical practice.

In recent years, rapid advances in science and technology, along with globalization, have led to the development of new disciplines, and have reduced the distance between different disciplines. In the life sciences, a new medical economy is emerging based on collaborations between basic science, basic medicine, medical science, and health care science. However, we cannot just sit back. It is clear that the results of research in the life sciences are not yet being adequately put into application in the clinic. We need to do more to bridge the gap between basic science and medical fields.

It was precisely for this role that PMI was established. Researchers at RIKEN produce many research breakthroughs every year, and our goal is to make sure that these breakthroughs are put to use effectively in clinical practice.

At PMI we are focusing our efforts on innovations in the area of preventive medicine. It is currently projected that by the year 2040, 30% of Japan’s population will be aged 65 or older. In a society with such a large population of elderly people, it will become increasingly necessary to make proactive efforts before a disease becomes apparent in order to keep people healthy. This will require preventive medicine. Medicine is moving from the traditional concept of curing diseases to taking action before a disease becomes manifest.

Every day, researchers at RIKEN are making breakthroughs with potential use in medical practice. At PMI we aim to be an interface between the scientific advances made at RIKEN and colleagues in medical institutions, companies, and researchers, to bring leading-edge medicine into the clinic.

Yoshihide Hayashizaki
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From Wako-shi Station to RIKEN

Walk: the institute is about a 15 minute walk from the Station
Bus: approx. 10 minutes (Bus #39 bound for Obuzumigakuen, 170 yen)
Taxi: approx. 10 minutes (approx. 710 yen)

From Ikebukuro Station to RIKEN

Train: (From Ikebukuro Station to Wako-shi Station)
- Tobu Tojo Line
- Keisei Express and Semi Express (approx. 12 minutes, ¥2,340)
- Tokyo Metro Yurakucho Line
  - Local (approx. 19 minutes, ¥930)
  - Express (approx. 14 minutes, ¥2,300)

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