

Joint/Usage Research project Workshop for endocrine
/metabolic disorders

Integration of comprehensive Omics analysis into Precision Medicine in JAPAN

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ZOOM: No registration required

Zoom meeting URL

<https://gunma-u-ac-jp.zoom.us/j/86466830950?pwd=NEkyQmlxRVF1YXA5VS9JV3htclgyUT09>

Meeting ID: 864 6683 0950

Pass code: 227751

You can join here. →

Date

9th Dec. 2021

Tue

17:00–18:00



The Research and Development Center for Precision Medicine (PMC) was established as Japan's first omics analysis center aiming to develop a \$1000 genome sequencing technology. Using state-of-the-art technologies in Whole Genome Sequencing and Advanced Mass Spectrometry supported by Shimadzu Corporation, the Center aims to provide analytic and translational approaches to provide precise diagnosis of cancers and various diseases in a data-driven/evidence-based approach. The Center has been working with the Tsukuba Preventive Medicine Research Center, which offers a comprehensive medical examination utilizing the function of initiative prevention of medical research. In order to promote collaborations with leading domestic and international research institutions, the PMC is also active in cross-border multidisciplinary networking. The Center aims to establish a research infrastructure for the implementation and realization of Precision Medicine, to improve/determine the best course of treatment for each individual. Furthermore, the spin-off biotech company, iLAC Co., Ltd., mainly focuses on integration of Precision Medicine, Humanoid Type of Robotics and COVID-19 WGS, contributing to the 4IR (Fourth Industrial Revolution).



Biography

Ph.D., Osaka University, 1990
(Lab. of Prof. Kenichi Matsubara)

Researcher, Dept. of Biochemistry,
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