

3rd World Congress on

PUBLIC HEALTH AND NUTRITION

February 26-28, 2018 London, UK

PREVENTION, INTERVENTION, AND CONTROL OF AN INDIVIDUALS STATE OF HEALTH-ME-BYO CONCEPT IN KANAGAWA PREFECTURE.

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Kanagawa is one of the smallest prefectures in Japan and is located south of Tokyo. In contrast to the area, Kanagawa is the 2nd most populated prefecture with about 9 million citizens, similar to the population of Switzerland and Austria. In the 1970s, the population of people 70 years and older comprised a small portion of the total population, however, it is expected that in 2050, over 30% of the population will be over 70 years old, making Kanagawa a super-aging population. To address the challenges of the increasing aging population, Governor Yuji Kuroiwa introduced the ME-BYO concept. ME-BYO evaluates an individual's state of health to effectively and efficiently prevent, treat and control disease, ultimately leading to prolonged "healthy longevity." No matter how sick or healthy an individual may be, the individual can always strive to be healthier. Along with the ME-BYO concept, Kanagawa Prefecture has a mission to develop and integrate innovative healthcare technologies driving changes toward a more efficient healthcare system. Advanced innovative medical technologies such as regenerative medicine to cure diseases and Robotics/exoskeleton suits to aid and assist in care of the elderly are examples of strategies to extend healthy life expectancy. In addition to research and development of innovative interventions, Kanagawa is focusing on strengthening the educational program for medical and nonmedical healthcare professionals.

Biography

Madoka Takeuchi graduated from Columbia University, Mailman School of Public Health with a Master of Science in Biostatistics. Her specialties include clinical trial design and methodology. After obtaining her Masters, she worked as a biostatistician with several university hospitals, academic institutions and pharmaceutical companies. She is currently a lecturer at Keio University a senior research fellow at Kanagawa Center for Clinical Research and Strategy and a consultant for several ongoing research studies.

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