



SDGsと神奈川の取組み

~いのち輝く神奈川を目指して~

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Kanagawa Prefectural Government





" Me-Byo " 「未病」

The state in-between health and illness









Kanagawa Prefectural Government



ヘルスケア・ニューフロンティアの推進





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"IOHH" Internet of Human Health

シンガポール政府機関とのMOU締結



メリーランド州とのMOU締結



マサチューセッツ州とのMOU締結



GCCとジョンズホプキンス大学・病院とのMOU締結



GCCと米国退役軍人省(VA)パロアルト・ ヘルスケアシステムとのMOU締結



GCCとフランス政府機関CTV-SudとのMOU締結



ドイツ・バーデンビュルテンベルク州との 友好交流に関する覚書の締結



フィンランド・オウル市とのMOU締結



イギリス・セルセラピー・カタパルトとのMOU締結



スタンフォード大学医学部とのMOU締結





WHO訪問 マーガレット・チャン事務局長との会談(H28.10.21)



ネイチャー誌への掲載



SPOTLIGHT ON KANAGAWA

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SPOTLIGHT ON KANAGAWA

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A GLOBAL OUTLOOK Looking ahead. Kurpises

sions that the next technological break through

will be the rise of the Internet of Human Health, Equipping

omes with sensors designed to monitor health and well-being ould in future provide valuab data, which may be integrated into personalized ME-BYO clinical records.

International collaboration, te says, is vital for developing

evidence-based approaches and promoting understanding of the

ME-3YO model. To this end, the first ME-BYO summit was held

in 2015. A total of 310 delegates

ttended the summit, including

representatives from the World lealth Organization, the US

National Institutes of Health and he Harvard School of Public Health, An official declaration f intent was signed at this

Transforming healthcare based on ME-BYO

The Kanagawa prefectural government is accelerating advances in healthcare through academia-industry-government collaborations rocted in THE ME-BYO CONCEPT — a unique response to Japan's aging society.

By 2050, Japan is projected To propel this change Kanagawa prefecture has been to have the highest proportion of centenarians in the world omoting numerous projects Kanagawa, southwest of Tokyo based on the 'ME-BYO' concept and home to 91 million people Derived from the Japanese word is one of the fastest aging mibyo (literally meaning 'preefectures in the country disease') which has its roots To lead the way in tackling in 2,000-year-old traditional challenges posed by this Chinese medicine, ME-BYO unprecedented demographic



population," says prefectural refers to the continuum governor, Yuji Kuroiwa. "So it's between health and sickness. imperative to drive advances "Everybody is somewhere on n healthcare at the societal the ME-BYO gradation scale," level, to help people of all ages explains Kuroiwa. "Our approach is a paradigm shift away from the dualistic become more aware of ways to improve our health on a day-to-day basis." healthy-pr-sick mode of

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policy in February 2017. By encouraging people to monitor their ME-BYO status. the wider goal is to develop technologies and practices (relating, for example, to diet) that may help prevent or delay the onset of illnesses and extend healthy longevity. A WORLD-CLASS BIOMEDICAL HUR As part of the HCNF policy, Kanagawa is invigorating research and development of

life science-related businesses

thought, as experience shows through its activities in three nere are no such clear-cut cial zones: the Life Innovation distinctions." The term was in Keihin Coastal Areas tented in 2015 and MEomprehensive Special Zone BYO was officially included in for International Comprehensiv panese national healthcare Competitiveness Development, (where leading companie such as Johnson & Johnson already have bases near Hanoda International Airport): the Sagami Robotic Industry Special Zone (where life-supporting robots are being developed and trained); and Kanagawa itself, which is part of the National Strategic Special Zone for the Tokyo area. In Tonomachi, Kawasaki City, located within the Life nnovation Special Zone. the prefectural governme

established the Life Innovation





Center (LIC) in 2016 through a INSPIRING THE NEXT public and private partnership. **GENERATION OF HEALTH** PROFESSIONALS Dedicated to advancing the industrialization of regenerative and cellular medicine, the Set to open in 2019, the Health Innovation School is a graduate LIC houses industries from school that will become part startups to major companies of the Kanagawa University of that conduct various research and development. It provides Human Services Through a planned twoan advanced research year Master of Public Health environment, where researchers programme, the Health have access to shared Innovation School will anable equipment for cell analysis and graduates to acquire skills in other regenerative activities. areas including data science. Kuroiwa says many regenerative medicine, health incentives exist for companies lechnology and social to establish bases in systems. An English Kanagawa, including subsidies, curriculum will be available breaks and low-interest for international students. financing totalling up to JPX1 "As aging is a global issue, illion, plus free startup offices people who come to Kanagawa and ground-level support. will find that what they learn

summit. The second summit was held in Hakone on 20-21 October 2017, centred on the theme of 'calibrating ME-BYO Kuroiwa also has plans rther afield. He is building elationships with organizations including Johns Hopkins University, Stanford University and the UK's Cell and Gene Therapy Catapult, as well as governmental and municipal bodies in Asia and Europe. Important though is the blend of traditional and new thinking. "Japan is already at the forefront of high-quality medical research and access to medical services," he says. "By docking cutting-edge technologies with the ME-BYO concept, we aim to confront the biggest challenges of today and tomorrow."



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here will be relevant to the

future of their home countries,"

those interested in facing this

Put simply, he continues,

Kanagawa is a microcosm of

anan. Not ook does it contain

historical sites of interest such

as Kamakura and the popular

and Kawasaki, but it also has

mountains, hot springs and

the 2020 Summer Olympics.

beaches - the famous Shonan

area will be the sailing venue for

"Moreover, in terms of the

cond to none," he says. "The

research environment, we are

total number of researchers.

that of Tokyo."

in Kanagawa actually exceeds

urban areas of Yokohama

challense together."

says Kuroiwa. "We welcome all

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Populations are getting older all over the world.



いのち輝く神奈川



持続可能な開発目標(SDGs)

SUSTAINABLE GOALS

世界を変えるための17の目標



ME-BYOハウスラボ





の実現

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ME-BYOサミット神奈川2017in箱根





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