

**News Release Dated August 1, 2023**

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**Report on Joint Research with Keio University Nakajima Research Laboratory  
at the 15th IHEA World Congress**

Japan System Techniques Co., Ltd. (JAST) is announced the report concerning results obtained at this stage of the joint research project with Keio University for increasing the use of generic drugs at the 15th IHEA (International Health Economics Association) World Congress held in South Africa. The details are as per attached.

The earnings forecast announced on May 12, 2023 incorporates the effect of this matter on the results of operations for the fiscal year ending March 2024. An announcement will be made promptly if there is any additional information that should be disclosed.

August 1, 2023  
Japan System Techniques Co., Ltd.

## **Report on Joint Research with Keio University Nakajima Research Laboratory at the 15th IHEA World Congress**

Interim results of the joint research project of Japan System Techniques Co., Ltd. (JAST) and the Nakajima Research Laboratory of Keio University for increasing the use of generic drugs were announced at the 15th IHEA (International Health Economics Association) World Congress held in South Africa.

### ■ Introduction

In July 2022, JAST and Keio University began a joint research project about increasing the use of generic drugs. The objective is to devise effective methods for helping to raise the use of generic drugs (note 1) to more than 80% of all prescription drug use in every prefecture of Japan by the end of March 2024. This is the goal of the Japanese Ministry of Health, Labour and Welfare.

(Refer to <https://www.jast.jp/news/14800/>)

At the 15th IHEA World Congress, which took place from July 8 to 12, 2023, results achieved as of the current stage of the research project were announced.

### ■ Outline of the Conference

Name: 15th IHEA World Congress

Theme: Diversity in Health Economics

Date: From Saturday, July 8 to Wednesday, July 12, 2023

Location: Cape Town International Convention Centre

### ■ Presentation

Pharmacy Adoption and Supply Constraints in Generic Pharmaceuticals: Evidence from Japan

### ■ Please click on the following link to learn more about the presentation

Abstract: <https://healtheconomics.confex.com/healtheconomics/2023/meetingapp.cgi/Paper/8714>

Poster: Download PDF

([https://healtheconomics.confex.com/healtheconomics/2023/mediafile/Handout/Paper8714/IHEA\\_poster.pdf](https://healtheconomics.confex.com/healtheconomics/2023/mediafile/Handout/Paper8714/IHEA_poster.pdf))

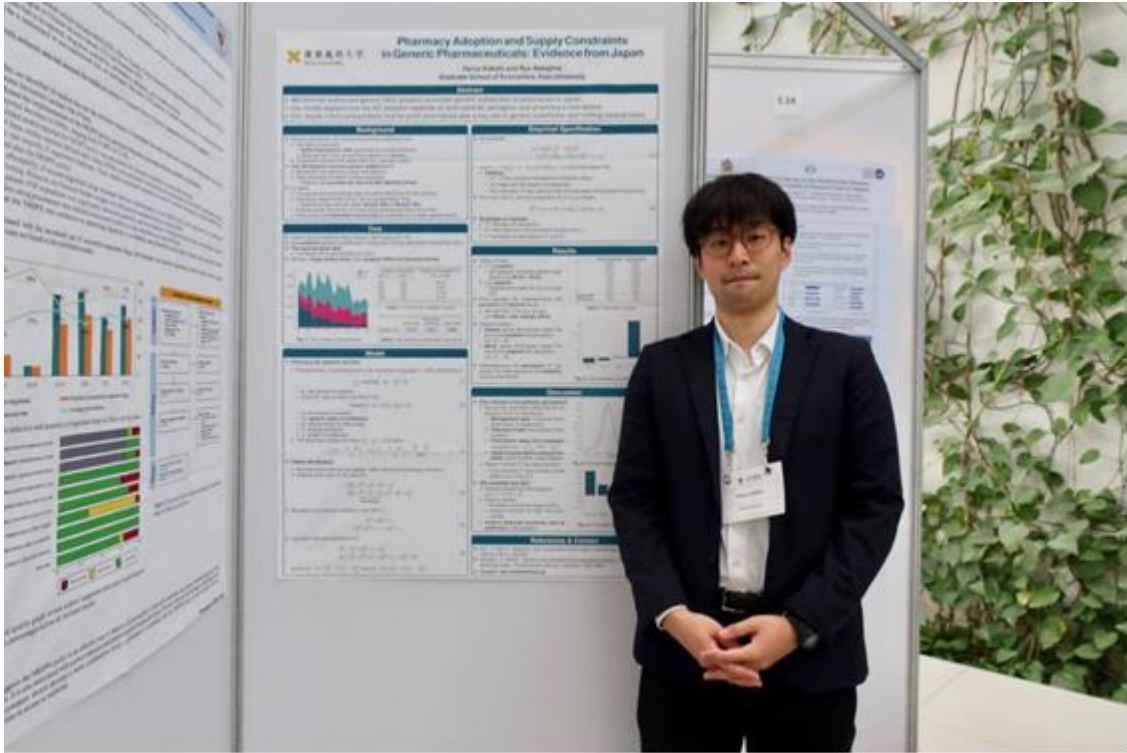


Photo: Mr. Kakehi Haruo (Graduate School of Economics, Keio University) who presented his research results at the conference

- For more information about the IHEA, please click on the link below:

IHEA website: <https://healtheconomics.org/>

- The Future Co-Creation Laboratory of JAST

The Future Co-Creation Laboratory of JAST is a medical big data business with the mission of using the digital transformation of health care backed by medical big data (invoice data (note 2), health check-up data and other data) to solve issues at healthcare facilities and insurance companies and organizations. This laboratory will continue to analyze information obtained from research activities in order to raise the value of JAST's data and create more ways to solve the issues of customers.

Operations of The Future Co-Creation Laboratory also contribute to accomplishing Sustainable Development Goals number three, good health and well-being, and nine, industry, innovation and infrastructure. These activities include the use of medical big data to enable people to stay healthy and the use of alliances with the academic sector for joint research and the development of products.



## ■ Profile of Ryo Nakajima

Ryo Nakajima (Contact for more information \*Redirected to an external website: <https://sites.google.com/view/ryo-nakajima-lab/supervisor/>)

Professor, Department of Economics, Keio University

Background:

1994: Graduated from Department of Economics of Agriculture and Forestry, Faculty of Agriculture, Kyoto University

2004: Completed the doctoral course in Department of Economics, New York University (Ph.D. in Economics)

Professor Ryo Nakajima specializes in applied econometrics and was awarded the Ishikawa Prize of the Japan Economic Association in 2018.

His research focuses on empirical analysis of social interactions, examining with data the mechanisms by which people influence each other through channels beyond the market and the external economies that emerge from these interactions.

Note 1: Generic drugs are prescription drugs produced and sold after the patent of a prescription drug (brand name drug) has expired. Generic drugs have the same amount of effective ingredients and the same efficacy as those of the brand name drug (Source: Ministry of Health, Labour and Welfare).

Note 2: Health insurance invoice data

When an individual receives a medical treatment covered by insurance, the healthcare institution sends an invoice listing the procedures and amounts due to the insurance company or organization. For medical and dental care, an invoice listing the procedures and amounts due is sent. For pharmacies, an invoice listing the drugs supplied and amounts due is sent. For nurses visiting individuals at home, an invoice listing home nursing care services and amounts due is sent. One invoice for each patient and individual healthcare institution is prepared every month. Invoices contain information about the reasons that individuals received medical care, the cost of the care and other items. JAST converts this information into a database for subsequent utilization.

## Inquiries

The Future Co-Creation Laboratory, Japan System Techniques Co., Ltd.

Contact for more information (redirected to an external website): <https://www.jastlab.jast.jp/contact/>

Website of The Future Co-Creation Laboratory: <https://www.jastlab.jast.jp/>