

“Forum on Future Foods”  
CRISPRCon-inspired conference Japan for future food production

Genome editing technology attracts a lot of attention today and it has come to be picked up in the media. Meanwhile, although much discussion has been made on the usefulness and utilization on the technology from the academic point of view, there has been no opportunity that all stakeholders such as researchers, developers, producers, distributors, consumers, and media meet and discuss about the technology all together. “Forum on Future Foods” will be held to bring all whose lives could be impacted by application of genome editing technology in food/agricultural areas and create a unique opportunity that the participants share their ideas, ask and answer questions, and make sure that their voices are heard. We are aiming to create an opportunity that participants' ideas can be shared through panel discussions and electric polling and etc.

Date and time: 10:00-17:00. Saturday, September 29, 2018.

Meeting venue: Hitotsubashi Auditorium, Hitotsubashi University

Main Organizers: Tsukuba Plant Innovation Research Center, University of Tsukuba  
Network for Breeding by Genome Editing

Co-organizers: The Cabinet Office

Supported by: Ministry of Agriculture, Forestry and Fisheries  
National Agriculture and Food Research Organization

Sponsored by: Corteva Agriscience, Agriculture Division of DowDuPont  
Council for Biotechnology Information Japan  
Japan Seed Trade Association  
Japan Bioindustry Association  
The 178 committee plant molecular design  
Tokita Seed Co., Ltd. Japan

Participants: 500 people

Registration fee: JPY2,000,

Student: Free \*Please bring the student card on the day of the forum. Language:

Japanese (This forum is held in JAPANESE)

#### Program

General Modulator Dr. Ryo Ohsawa, Professor, University of Tsukuba

#### Session I

What will the food of the future of Japan become like? The three speakers will talk about challenges which food production faces and what initiatives are necessary to deal with those challenges from viewpoints of researchers, distributors, and consumers, respectively.

10:00-10:10 Opening remarks, Dr. Hiroshi Ezura, Professor, Faculty of Life and Environmental Sciences, University of Tsukuba and Director, Tsukuba Plant Innovation Research Center, University of Tsukuba.

10:10-10:30 Keynote speech 1. Food in Japan from viewpoints of global and Japanese agriculture-Today and Future, Dr. Koh-ichi Kadowaki, Vice-President (Research Promotion II), National Agriculture and Food Research Organization

- 10:30-10:50 Keynote speech 2. Challenges and expectations to Japanese food productions, Ms. Kaori Miyake, Executive officer, Aeon Co., Ltd.
- 10:50-11:10 Keynote speech 3. Future state which consumers expect, Ms. Hisa Anan, Chief Director, Association to Create a Society with Consumer Citizenship
- 11:15-11:35 Panel Discussion  
Panelists: The three speakers  
Moderator: Ryo Ohsawa, University of Tsukuba
- 11:35-13:00 Lunch

#### Session II Breakout sessions

We will have three breakout sessions. Each group will discuss each topic and share ideas. 13:00-15:00

Group 1 "How does the frontier of breeding technology relate to the view of future food we expect?"

Today, we enjoy abundant foods which is supported by various technological innovations in the agricultural field. One of them is progress in breeding technology. In this session, we will consider how our diet changes when we apply the latest genome editing technology in breeding. We are aiming to discuss similarities and differences of conventional breeding technologies and genome editing technology, safety aspect, as well as what impacts we will have in our future foods by applying/not applying this technology in plant breeding by listening to experts' commentary.

#### Commentators:

Dr. Yutaka Tabei, Chief Scientist, National Agriculture and Food Research Organization  
Dr. Akira Komatsu, Senior Scientist, National Agriculture and Food Research Organization  
Ms. Mariko Ichikawa, President, Food Communication Roundtable  
Ms. Tomoko Natsume, Manager, National Federation of Regional Woman's Organization  
Mr. Satoshi Koike, President&CEO, Vegetalia, Inc.

#### Moderators:

Dr. Tomiko Yamaguchi, Professor, International Christian University  
Dr. Yuki Sasagawa, National Agriculture and Food Research Organization

Group 2 "Forefront of genome editing technology- R&D, intellectual property, and regulatory considerations"

This is a session for sharing the latest information on research and development, intellectual property, regulatory considerations, advancement in overseas relating to genome editing technology. In addition, we are aiming to discuss what researchers are targeting to achieve by using the technology, what challenges they face to achieve their goals, and how to address such challenges.

Commentators:

Dr. Sakiko Hirose, Chief Scientist, National Agriculture and Food Research Organization

Mr. Kazunori Hashimoto, Patent Lawyer Akira

Dr. Masashi Tachikawa, Professor, Nagoya University Moderators:

Dr. Minako Sumiyoshi, Research Manager, University of Tsukuba Dr.

Mariko Takayama, University of Tsukuba

Group 3 “Future Agriculture”

In this session, we will hear from farmers of challenges they face in farming/food supply and how they are dealing with such issues. We will then bring ideas on how we can continue to enjoy healthy and abundant food in the future.

Commentators:

Mr. Nagateru Nozawa, COO, MIRAI

Mr. Takashi Sakaue, CEO, SAKAUE Farm

Mr. Tomohiro Kondo, President, NIPPON NORIN SEED Co.

Moderators:

Dr. Ryo Ohsawa, Professor, University of Tsukuba

Dr. Mieko Kasai, Professor, Chiba University

15:00-15:30 Break

Session III

15:30-17:00 Plenary panel discussion

In order to utilize genome editing technology as a society, a forum where people with various positions listen to each other's opinions and discuss. In this plenary session, based upon the discussions of Session I and II, we exchange diverse opinions from various perspectives such as consumers, producers, developers, distributors, media, etc. and discuss state of communication on new science innovations which impact our lives.

Panelists:

Dr. Koh-ichi Kadowaki, Vice-President (Research Promotion II), National Agriculture and Food Research Organization

Ms. Kaori Miyake, Executive officer, Aeon Co., Ltd.

Ms. Hisa Anan, Chief Director, Association to Create a Society with Consumer Citizenship Mr.

Satoshi Koike, President&CEO, Vegetalia, Inc.

Mr. Masami Kojima, Representative secretary of Japan Foodjournalist Association (JFJ)

Modulators:

Ms. Emi Gamo, Expert Advisor, Nippon Association of Consumer Specialists

Dr. Mieko Kasai, Professor, Chiba University

17:00-17:10 Closing remark, Dr. Yutaka Okumoto, President, Japanese Society of Breeding and Professor, Graduate School of Agriculture, Kyoto University.

End