

# The First International Symposium for the Next Generation Agri/Food Science and Technology

While tying together Moonshots goal 5 Soil Microbe Atlas project and other research projects, this symposium will discuss the global perspective for sustainable development of food and agriculture with domestic and international collaborators.

## Venue

Waseda Komatsu-Hall,  
Shinjuku, Tokyo

## Date

2022,10,29 12:00-17:00

The symposium will be held online.

※日本語の同時通訳を行います。

## Host

Consortium for “The platform for sustainable farming by environmental control based on the microbe atlas of the soil”  
Moonshot Goal5 Integrated Institute for Regulatory Science,  
Research Organization for Nano & Life innovation, Waseda University

## Co-Hosts

Institute of Global Innovation Research,  
Tokyo University of Agriculture and Technology,  
Kyoto University Co-creation support team

## Support

Bio-oriented Technology Research Advancement Institution (BRAIN),  
National Agriculture and Food Research Organization

This symposium will be held as part of the international education program of the Top Global University Project.

## Application

Please fill out the Registration form on the website.

<https://www.microbe-soil.sci.waseda.ac.jp/2022/09/06/273/>

Application deadline October 28, 13:00



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### Program

Schedule	Presenter	Affiliation	Title
12:00	Kazuhiro Chiba	PD of Moonshot goal5	
12:10	TBD	Ministry of Agriculture, Forestry and Fisheries	
12:15	Aiji Tanaka	President of Waseda Univ.	
12:20	Haruko Takeyama	PM of Moonshot goal5, Faculty of science and engineering, Waseda Univ.	“Perspective of Soil Microbe Atlas in Moonshots goal 5”
12:50	Naoko Otsu	Institute of Agriculture, Tokyo University of Agriculture and Technology	“Isolation and characterization of soybean rhizobium from central Europe”
13:05	Sonoko Dorothea Bellingrath-Kimura	Leibniz Centre for Agricultural Landscape Research (ZALF)/Humboldt University Berlin, Germany	“Frontiers in soybean cropping system in Central Europe: -For legume based site specific cropping systems to meet the SDGs-”
13:35	Gary Stacey	Division of Plant Sciences, University of Missouri	“Soybean improvement in the era of CRISPR/Cas9”
14:05	Break		
14:15	Tsuyoshi Tanaka	Division of Biotechnology and Life Science, Tokyo University of Agriculture and Technology	“Soybean production by recovered phosphorus from wastewater using amorphous calcium silicate hydrates”
14:30	Sakiur Rahman	RIKEN BioResource Research Center	“Toward development of digital twins in agriculture”
14:45	Wataru Aoki	Division of Applied Life Sciences, Kyoto Univ.	“Next-generation omics technologies to explore complex symbiotic interactions”
15:00	Yasuo Yoshikuni	Head of the DNA Synthesis Science Program, U.S. Department of Energy Joint Genome Institute (JGI)	“CRAGE enables rapid development of synthetic biology”
15:30	Ana M. López-Contrerasa	Wageningen University & Research, Food & Biobased Research, Wageningen, the Netherlands	“Brown and green macroalgae as substrate for fermentation for production of chemicals”
16:00	Break		
16:10	Satoru Shimokawa	Faculty of Political Science and Economics, Waseda University	“Policy and Demand for Organic Farming in Japan”
16:25	Xiaohua Yu	Department of Agricultural Economics and Rural Development, Gettigen University	“Political Party Support and Consumer Preference for Organic Food in Germany”
16:55	Haruko Takeyama	Faculty of science and engineering, Waseda Univ.	

### | Contact |

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