

Press Conference President of JST

July 28, 2021

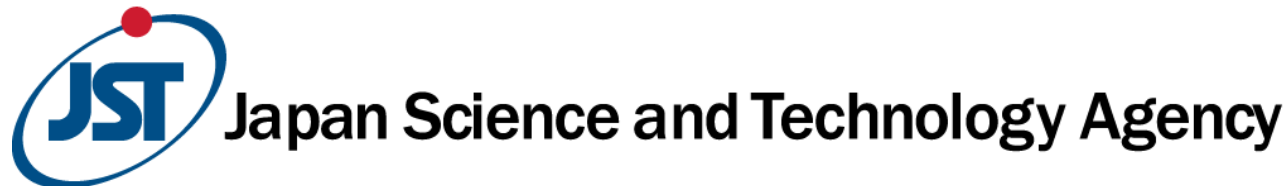


Japan Science and Technology Agency

- 1. The 3rd Brilliant Female Researchers Award**
- 2. Support for Pioneering Research Initiated by the Next Generation**
- 3. International Chemistry Olympiad Japan 2021**



The 3rd Brilliant Female Researchers Award (The Jun Ashida Award)



The Brilliant Female Researchers Award (The Jun Ashida Award)

Purpose

As part of our efforts to promote the active participation of female researchers, JST set up this awards program to commend: female researchers working on outstanding research that contributes to a sustainable future society; organizations supporting female researchers' activities. The Ashida Fund* will cooperate to provide a supplementary prize of 1 million yen.

*The Ashida Fund was established in 1994 by the late fashion designer Jun Ashida for the purpose of nurturing the younger generation. The Japan International Science and Technology Exchange Center (JISTEC) operates and manages the Ashida Fund by keeping the funds from Jun Ashida Co. Ltd.

Eligibility (Both self-recommendations and recommendations by others are eligible)

【The Award for a Brilliant Female Researcher】

- A female researcher aged under 40 in principle. Recognizes pauses in research due to life events.

【The Award for an Organization Supporting Female Researchers】

- A progressive organization carrying out initiatives contributing to greater involvement of female researchers, serving as a model for other organizations.

2021 Schedule

- Application: April 1st – June 30th (12:00 pm)
- Selection: Early July to the end of August
- Announcement and Ceremony : **November 3rd (wed)**

(Venue: Miraikan)

Judges



Keiko Torii,
(Chair)



Chieko Asakawa



Reiko Abe



Yoshie Okusa



Hiroshi
Kitagawa



Chiharu
Tokoro



Hitoshi
Murayama



Masashi
Yanagisawa

HP: <https://www.jst.go.jp/diversity/about/award/index.html>

Contact: Office for Diversity and Inclusiveness, JST

Tel: 03-5214-8443

E-mail: diversity@jst.go.jp

Past Award Recipients

The Award for a Brilliant
Female Researcher

The Award for an Organization
in Supporting a Brilliant
Female Researcher

The Award for a Brilliant Female
Researcher
(The JST President Award)

1st Winners (FY2019)

Miki Ebisuya

Group Leader
European Molecular Biology

Field of research: Synthetic
developmental biology



Kyushu University
(Chiharu Kubo, President)

Aiko Fukasawa

Professor, Institute for
Integrated Cell-Material
Sciences (iCeMS), Kyoto
University

Filed of Research: Organic
main-group element
chemistry, organic functional
material chemistry



2nd Winners (FY2020)

Nami Sakai

Chief Scientist, Star and
Planet Formation
Laboratory, Riken

Field of research:
Astronomy



Gunma University
(Hiroshi Hiratsuka, President)

Ayuko Hoshino

Associate Professor,
School of Life Science
and Technology, Tokyo
Institute of Technology

Field of Research:
Molecular biology



International Chemistry Olympiad 2021 Japan (Remote)



53rd International Chemistry Olympiad 2021 Japan



(IChO2021 Japan)

Chemistry! It's Cool!

Host: International Chemistry Olympiad Japan Committee (President: Kohei Tamao)

Schedule: July 25 (Sun) – August 2 (Mon), 2021 (9 days)

Venue: Online

Participating Countries: 85 nations and regions
(79 nations, 6 regions and observer nations)

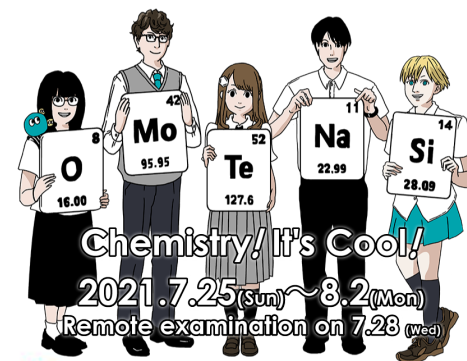
Participants: Approximately 500 participants, including 312 students and 180 mentors

Note: The numbers of participating nations and participants were calculated as of July 26.

Objective: "Chemistry brightens the future"

Fostering global human resources for the next generation of chemical and material industries by enabling high school students from across the world to compete with each other.

This is the second time that Japan has hosted the event, following the 42nd IChO in 2010.



53rd International Chemistry Olympiad 2021 Japan



(IChO2021 Japan)

Point 1. Taking advantage of the remote situation, we will provide an experience beyond time and space.

Point 2. Conducting fair and impartial tests and grading

July 25 (Sun) 15:00 Opening ceremony (Online; Student participation via avatars)

July 28 (Wed) 14:00 Examination (Each country will set a starting time that suits them and conduct the exam for a duration of 5 hours [Japan 14:00 – 21:00].)

July 29 (Thu) Student activity (Spring-8 virtual tour)

July 30 (Fri) Student activity (Explainer videos for the practical test)

July 31 (Sat) Student activity (Virtual tours to tourist spots and cultural experience including restoration of Buddha statues)

August 2 (Mon) 21:00 Awards and Closing Ceremony (Online; Student participation via avatars)

JST supports the International Science Olympiad in Japan as a part of programs fostering the next generation of human resources.

The International Science Olympiads for Information (2018) and Biology (2020) were **successfully done**. The International Science Olympiads for Physics and Mathematics will be held in 2023.

Today's Lectures



Dr. Umemura

● Masanari Umemura, M.D.,Ph.D

Lecturer, Cardiovascular Research Institute, Yokohama City University

Dr. Umemura teaches physiology at Yokohama City University. For many years, he has been devoted to the development of novel cancer treatments by promoting medical-engineering collaborations and industry-university cooperation. His research focusses on the analysis of intracellular signaling mechanisms by molecular biology methods.

He graduated from the School of Medicine, Hirosaki University (1994-2000) and Graduate School of Medicine, Yokohama City University (2002-2006). He obtained his Ph.D. degree from Yokohama City University in 2006. He was engaged in clinical work as a physician at a city hospital and a university hospital for 8 years. He was a Post-Doctoral fellow in the Rutgers University (University of Medical and Dentistry of New Jersey, USA) from 2010 to 2012. He joined Professor Yoshihiro Ishikawa's laboratory at the Cardiovascular Research Institute, Yokohama City University as an assistant professor (2012-2018). He has been a Lecturer (2019-present).

Board certified member: Japan Society of Internal Medicine and Japanese Circulation Society.

Scientific council member: Physiological Society of Japan, Japanese Pharmacological Society, and Japanese Society of Pathophysiology.



Dr. Sunagawa

● Genshiro Sunagawa

Research Scientist, Laboratory for Retinal Regeneration, RIKEN BDR

Cross Hospital (2001– 2004) and the National Center for Child Health and Development (2004-2006). When he was a graduate student and postdoctoral student, he devoted himself to the research of sleep homeostasis under PI Ueda Hiroki at the Center of Developmental Biology, RIKEN (2006-2015). He started his research on the clinical application of hibernation in mice under PI Takahashi Masayo at Laboratory for Retinal Regeneration, RIKEN (2015). Advancing to a senior research scientist, he joined the Laboratory for Molecular Biology of Aging under PI Nishida Eisuke in 2020.