

Mukaiyama Award

Administered by The Society of Synthetic Organic Chemistry, Japan

Mukaiyama Award was launched in 2005 by The Society of Synthetic Organic Chemistry, Japan (SSOCJ), to celebrate the 77th birthday of Professor Teruaki Mukaiyama who received the Order of Culture in 1997 from the Japanese government for his outstanding contributions to synthetic organic chemistry and to commemorate his election in 2004 to the National Academy of Science, U.S.A., as a foreign associate.

The purpose of the award is to recognize and encourage outstanding contributions to synthetic organic chemistry.

The award, which consists of \$3,000, a medallion, and a certificate, is bestowed every year upon an individual less than age 46 on January 1 in the year concerned, who has made outstanding contributions to synthetic organic chemistry. The awardee, selected by the award committee, shall deliver an award lecture at the Seminar on Synthetic Organic Chemistry where the award will be presented.

The Winners of the Award for the award year 2025 are **Weldon G. Brown Professor of Chemistry Guangbin Dong** and **Professor Kohsuke Ohmatsu**.

Weldon G. Brown Professor of Chemistry Guangbin Dong

Department of Chemistry, University of Chicago, USA

Contributions: Research in the Dong group focuses on developing new and synthetically useful transformations. First, his team explores catalytic C-C bond activation as a useful tool for constructing or modifying complex molecular skeletons. Additionally, Dong is a leading contributor to the palladium/norbornene catalysis, which enables site-selective arene functionalizations and carbonyl transposition. Moreover, the Dong group has pioneered new activation modes for functionalizing C-H bonds of carbonyl compounds. Finally, his work in boron chemistry lays the foundation for programmable organic synthesis.



Professor Kohsuke Ohmatsu

Faculty of Science and Technology, Keio University, Japan

Contributions: Research led by Ohmatsu has focused on designing ionic molecular catalysts to address challenges in synthetic organic chemistry. By leveraging the unique properties of ionic organic molecules to construct chiral architectures, a novel strategy for catalyst design has emerged, enabling previously difficult asymmetric transformations. The concept of photocatalytic reactivity of ions has created a groundbreaking platform for both innovative reaction development and complex molecule synthesis.



The members of the Mukaiyama Award Committee for the award year 2025 are as follows:

Mikiko Sodeoka*

Yujiro Hayashi

Motomu Kanai

Takeshi Sugai

Hidetoshi Tokuyama

*Chairperson

Call for Nominations for the Award Year 2026

(Deadline: July 1, 2025)

Any individual may nominate one individual for the award year 2026. The nomination form can be downloaded from the SSOCJ web site at <https://www.ssocj.jp/en/>

The pertinent documents are retained on file for

three award years. The nominations deadline for the award year 2026 is July 1, 2025.

While submission of the nomination form by e-mail to support@ssocj.or.jp is preferred, submission by regular mail is also accepted.



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