

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.

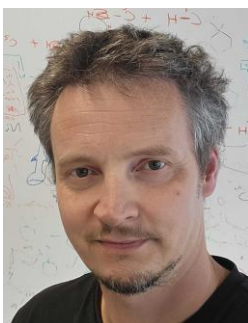
The award, which consists of a certificate, a plaque, and a monetary prize of USD 3,000 or JPY 300,000, is bestowed every year upon two individuals (one Japanese and one non-Japanese) less than age 46 on January 1 of the award year concerned, each of whom has made outstanding contributions to synthetic organic chemistry. The awardees, 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 2026 are Professor Bill Morandi and Professor Koji Hirano.

Professor Bill Morandi

ETH Zurich,
Laboratorium für Organische Chemie,
Switzerland

Contributions: The Morandi group has developed a wide range of conceptually novel reactions (e.g. shuttle catalysis, single-bond metathesis, nitrogen atom insertion) which provide new approaches to construct, edit, or deconstruct organic molecules, thus significantly advancing the area of organic chemistry. The group has also leveraged these new reactions in interdisciplinary applications (e.g. recyclable polymers, waste upcycling, peptide editing) and studied their mechanisms in great depth.



Professor Koji Hirano

Department of Applied Chemistry,
Graduate School of Engineering,
The University of Osaka, Japan

Contributions: Dr. Hirano's research centers on pioneering new electrophilic transformations in organic synthesis, focusing on two key concepts: extended umpolung and multiply charged cations. These innovative approaches offer powerful new methodologies, especially valuable for constructing complex molecules. The extended umpolung strategy allows for highly chemo-, regio-, and stereoselective electrophilic amination and etherification reactions. This is achieved using hydroxylamines and specifically designed acetal-based peroxides under copper catalysis. His work with multiply charged cations enables the rapid construction of highly π -conjugated (hetero)aromatic systems, which are challenging to synthesize via other routes.



The members of the Mukaiyama Award Committee for the award year 2026 are as follows:

Yujiro Hayashi*

Fumitoshi Kakiuchi

Motomu Kanai

Hidetoshi Tokuyama

Hideki Yorimitsu

*Chairperson

Call for Nominations for the Award Year 2027

(Deadline: July 1, 2026)

Any individual may nominate one individual for the award year 2027. 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 2027 is July 1, 2026. While submission of the nomination form by e-mail to support@ssocj.or.jp is preferred, submission by regular mail is also accepted.



The Society of Synthetic Organic Chemistry, Japan

1-5 Kanda-Surugadai, Chiyoda-Ku,
Tokyo, 101-0062 Japan
Tel: +81-3-3292-7621 Fax: +81-3-3292-7622
Website: <https://www.ssocj.jp/>
E-mail address: support@ssocj.or.jp