



# The 22<sup>nd</sup> Nagoya Medal of Organic Chemistry



January 27, 2017 (Noyori Conference Hall, Nagoya University)

The Nagoya Gold Medal has been awarded every year since 1995 to an organic chemist who has made significant original contributions to the field, in its broadest sense. The Silver Medal has been awarded since 1999 to a rising scientist based in Japan whose research has had a major impact on the field of synthetic organic chemistry. The recipients of this year's Gold and Silver Medals will deliver the Nagoya Medal Lectures on January 27, 2017 at Nagoya University in Nagoya, Japan.

## Gold Medal Lecturer



1. "Palladium-Catalyzed Carbon-Heteroatom Bond-Forming Reactions"
2. "Copper-Catalyzed Asymmetric Hydrofunctionalization Processes in Organic Synthesis"

**Professor Stephen L. Buchwald** was born in 1955 at Bloomington, Indiana, USA. He received his Sc.B. in 1977 from Brown University and his Ph.D. degree in 1982 from Harvard University, under the supervision of Professor Jeremy R. Knowles. He then moved to Caltech to conduct his postdoctoral research with Professor Robert H. Grubbs. After being promoted to an Assistant Professor (1984), Associate Professor (1989) and Professor (1993) at MIT, he was named the Camille Dreyfus

Professor in 1997. He became Associate Head in 2015. His research focuses on the development of new carbon-heteroatom bond forming reactions as well as new continuous flow processes. Representative awards and honors: Fellow of the American Academy of Arts and Sciences (2000), MERIT award from the National Institutes of Health (2000), ACS Award for Creative Work in Synthetic Organic Chemistry (2006), Member of the National Academy of Science (2008), Gustavus J. Esselen Award for Chemistry in the Public Interest (2010), ACS Arthur C. Cope Award (2013), Linus Pauling Medal Award (2014), and BBVA Frontiers of Knowledge Award in Basic Sciences (2014).

## Silver Medal Lecturer



"Ligand Design for Efficient Organic Synthesis"

**Professor Masaya Sawamura** was born in 1961 at Kochi, Japan. He received his B.Eng. in 1984 and his Ph.D. degree in 1989 from Kyoto University under the supervision of Professor Yoshihiko Ito. He became an Assistant Professor at Kyoto University in 1989 and spent a year as a researcher at Harvard University working with Professor Stuart L. Schreiber (1993-1994). He then moved to the Tokyo Institute of Technology and to the University of Tokyo as an Assistant Professor (1995), and was promoted to a Lecturer (1996) and an Associate Professor (1997). He is a Professor at Hokkaido University since 2001 and was granted the title of the Hokkaido University Distinguished

Professor in 2016. His research focuses on organic synthesis and organometallic chemistry. Representative awards and honors: The Chemical Society of Japan Award for Young Scientists (1996), The Chemical Society of Japan Award for Creative Work (2012), Hokkaido University President Award for Outstanding Research (2014), and the SSOCJ (The Society of Synthetic Organic Chemistry, Japan) Nissan Chemical Industries Award for Novel Reaction & Method (2014).

**President:** Hisashi Yamamoto, **Honorary President:** Ryoji Noyori, **Advisors:** Minoru Isobe, Kunio Suzuki

**Organizing Committee:** K. Ishihara, K. Itami, Y. Uozumi, T. Ooi, M. Kitamura, N. Shibata, H. Shinokubo, T. Nishikawa, H. Nishiyama, T. Higuchi, T. Fukuyama, Y. Mori, E. Yashima, S. Yamaguchi

**Financial Support:** MSD Life Science Foundation

**Cosponsored by:** Institute of Transformative Bio-Molecules (ITbM), Nagoya University



## Previous RECIPIENTS

### Gold Medal Lecturers

1995	Yoshito Kishi
1996	W. Clark Still
1997	Robert H. Grubbs
1998	Henri B. Kagan
1999	Samuel J. Danishefsky
2000	Manfred T. Reetz
2001	Kyriacos C. Nicolaou
2002	Dieter Seebach
2003	David A. Evans
2004	J. Fraser Stoddart
2005	Koji Nakanishi
2006	Steven V. Ley
2007	Larry E. Overman
2008	Barry M. Trost
2009	Jean M. J. Fréchet
2011	Eric N. Jacobsen
2012	Paul Knochel
2013	Ben L. Feringa
2014	John F. Hartwig
2015	Stuart L. Schreiber

### Silver Medal Lecturers

1999	Keisuke Suzuki
2000	Takuzo Aida
2001	Eiichi Nakamura
2002	Shu Kobayashi
2003	Makoto Fujita
2004	Keiji Maruoka
2005	Michinori Suginome
2006	Jun-ichi Yoshida
2007	Mikiko Sodeoka
2008	Masahiro Murakami
2009	Kyoko Nozaki
2011	Keiji Tanino
2012	Takahiko Akiyama
	Masahiro Terada
2013	Naoto Chatani
2014	Itaru Hamachi
2015	Zhaomin Hou

### Nagoya Medal Special Award

2006	Her Royal Highness Princess Chulabhorn Mahidol
------	--

### 2010 Anniversary Seminar

Ryoji Noyori, Hisashi Yamamoto, Silver Medalists

**Chairman:** Kenichiro Itami, Institute of Transformative Bio-Molecules (ITbM), Nagoya University, Chikusa, Nagoya 464-8601, Japan. Phone/FAX +81-52-788-6098; E-mail itami@chem.nagoya-u.ac.jp  
URL: [http://www.msd-life-science-foundation.or.jp/banyu\\_symp/symp/nagoya](http://www.msd-life-science-foundation.or.jp/banyu_symp/symp/nagoya)