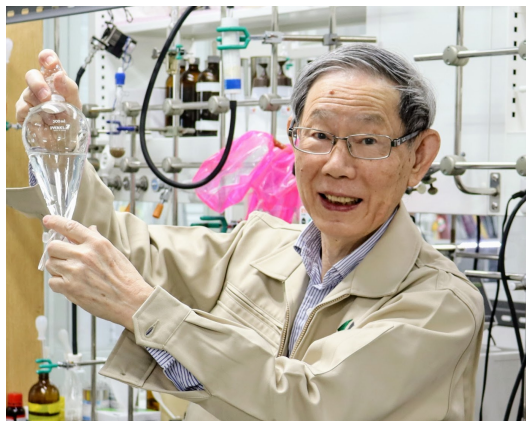


## 日本化学工業株式会社 元技術顧問 今本恒雄氏 高砂香料国際賞「野依賞」を受賞

高砂香料国際賞「野依賞」は、「広い意味での不斉合成化学」の分野における顕著な業績を顕彰する賞で、毎年1名に贈られます。2020年は、千葉大学名誉教授・北海道大学客員教授の今本恒雄氏が受賞されました。

今本氏は、有機合成化学と有機元素化学が専門で、これまでに多くの独創的研究を行い、優れた研究成果をあげておられます。とりわけ、希土類元素を有機合成に利用する先駆的研究は「有機セリウム反応剤」として結実し、現在広く利用されております。また、ホスフィン-ボランを有機合成化学の観点から研究して、ボランをホスフィンの保護基と考える新概念を創出しました。今本氏はその概念に基づいてリン原子上に不斉中心をもつ高活性かつ高立体選択性を発現する新規 P-キラルホスフィン配位子(BisP\*, MiniPHOS, QuinoxP\*, BenzP\*など)の開発に成功しました。このホスフィン-ボランを用いる手法は、P-キラルホスフィンのみならず様々なホスフィン配位子の優れた合成法として現在世界中で広く活用されております。



北海道大学大学院工学研究院  
伊藤肇教授研究室にて

今本氏は千葉大学定年退職後12年間当社の技術顧問を勤められました。その間に QuinoxP\*の工業的生産方法確立をはじめとして、当社の事業に関する貴重なご助言を頂いただけでなく、ご自身でも実験研究を鋭意続けられ、当社在籍中にも多くの新規 P-キラルホスフィンの発明をなされました。ご受賞に際し心からお祝い申し上げ、当社へのご貢献に感謝するとともに、益々のご活躍を祈念致します。

## **Ryoji Noyori Prize** sponsored by Takasago International Corporation and administered by The Society of Synthetic Organic Chemistry, Japan

*Ryoji Noyori Prize*, sponsored by Takasago International Corporation, was established in 2002 by The Society of Synthetic Organic Chemistry, Japan (SSOCJ) in commemoration of Professor Ryoji Noyori's winning of the 2001 Nobel Prize in Chemistry as well as the 60th anniversary of SSOCJ.

The purpose of the Prize is to recognize outstanding contributions to research in asymmetric synthetic chemistry defined in its broadest sense.

The Prize, which consists of a certificate, a medallion, and \$10,000, is bestowed every year to a recipient meeting the above mentioned criteria. The International Prize Committee selects a recipient, and the recipient shall deliver a prize lecture at the annual general meeting of SSOCJ at which the Prize will be presented.

*The Winner of the Prize for the award year 2020 is Tsuneo Imamoto, Professor Emeritus, Chiba University & Visiting Professor, Hokkaido University, Japan.*

**Professor Imamoto** is a pioneer in the use of phosphine-boranes for the synthesis of chiral phosphine ligands. He designed and synthesized many new P-chiral phosphine ligands and demonstrated their superior performance in asymmetric catalysis. The air-stable P-chiral phosphine ligand QuinoxP\* is widely used in both

academia and industry. He also made significant contributions to the mechanistic studies of rhodium-catalyzed asymmetric hydrogenation in collaboration with Professor Ilya D. Gridnev. Another outstanding achievement is the development of cerium(III)-modified organometallic reagents, which have found widespread use in the efficient addition reactions of carbonyl compounds.



The past recipients:

Henri B. Kagan (2002)	Gilbert Stork (2003)
Dieter Seebach (2004)	Tsutomu Katsuki (2005)
David A. Evans (2006)	Tamio Hayashi (2007)
Andreas Pfaltz (2008)	Yoshio Okamoto (2009)
Eric N. Jacobsen (2010)	Hisashi Yamamoto (2011)
Masakatsu Shibasaki (2012)	Barry M. Trost (2013)
Dieter Enders (2014)	Larry E. Overman (2015)
Keiji Maruoka (2016)	David W. MacMillan (2017)
Yoshito Kishi (2018)	Scott E. Denmark (2019)

The members of the International Prize Committee for the award year 2020:

Takahiko Akiyama (Chairman)
Scott E. Denmark Benjamin List
Takeshi Ohkuma Tomislav Rovis
Mikiko Sodeoka Michinori Sugimoto
Toshiaki Sunazuka

### **Call for Nominations for the Award Year 2021** (Deadline May 1, 2021)

Any individual may nominate one individual for the award year 2021 by May 1, 2021.

The nomination form can be downloaded from the SSOCJ web site at <https://www.ssocj.jp/en/>. The documents submitted are retained on file for three award years.

Preferred method of submittal is by e-mail attachment of the form.

*e-mail address:* [support@ssocj.or.jp](mailto:support@ssocj.or.jp)

However, submittal by express or conventional mail is also acceptable.

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