

Curriculum Vitae

Name Michinori SUGINOME

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Experience

1987-1988 *Undergraduate Student with Professors Yoshihiko Ito and Zen-ichi Yoshida
Department of Synthetic Chemistry, Kyoto University*

1988-1993 *Graduate student with Professor Yoshihiko Ito
Department of Synthetic Chemistry, Kyoto University*

1993-2002 *Assistant Professor
Department of Synthetic Chemistry and Biological Chemistry, Kyoto University*

1998-1999 *Visiting Researcher with Professor Gregory C. Fu
Sabbatical leave to Massachusetts Institute of Technology*

2002-2004 *Associate Professor
Department of Synthetic Chemistry and Biological Chemistry, Kyoto University*

2004-present *Professor
Department of Synthetic Chemistry and Biological Chemistry, Kyoto University*

Education Kyoto University B.S. in 1988; Ph.D. in 1993

Awards

1999 *The Chemical Society of Japan Award for Young Chemist*

2001 *The Society of Silicon Chemistry Japan Award for Young Chemist*

2005 *Nagoya Silver Medal*

2005 *Mukaiyama Award, Society of Synthetic Organic Chemistry, Japan*

2010 *JSPS Prize, Japan Society for the Promotion of Science*

2013 *The Chemical Society of Japan Award for Creative Work*

2015 *The Humboldt Research Award*

Visiting Professorship and Lectureship Awards

2010 *Visiting Professor: Westfälische Wilhelms Universität Münster*

2011 *Asian Core Program Lectureship Award (Hong Kong)*

2011 *Asian Core Program Lectureship Award (Korea)*

2013 *Asian Core Program Lectureship Award (Taiwan)*

2015 *Visiting Professor: Université Pierre et Marie Curie (University of Paris VI), Sorbonne Universités*

International Journals

- 2011- *Editorial Board, The Journal of Polymer Science A: Polymer Chemistry*
2012- *Associate Editor, Bulletin of Chemical Society of Japan*
2012- *International Advisory Board, Asian Journal of Organic Chemistry*

Research Interest

Boron-based organic synthesis: (1) Catalytic reactions using silylboranes (e.g., silaboration) (2) Catalytic diboration with unsymmetrical diboron reagent, (3) Protective group (DAN: 1,8-diaminonaphthalene) for organoboronic acids, (4) Removable directing group for C-H activation attached onto the boronyl group, (5) Invertive and retentive Suzuki-Miyaura coupling of chiral alkylboronic acids, (6) Iterative cross-coupling for the synthesis of oligoarenes.

Chemistry of Single-handed Helical Polymers: (1) New protocols for induction and switch of helical chirality, (2) Chirality-switchable chiral catalysts for Asymmetric synthesis, (3) Application to Chirality-switchable chiroptical materials.