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Personal

Birth:	August 31, 1971
Citizenship:	Japanese

Academic Appointments

2013 – present	Associate Professor, University of Shizuoka
2006 – 2013	Assistant Professor, University of Shizuoka
2003 – 2006	Research Assistant Professor, University of Shizuoka

Postdoctoral Training

2002	Department of Chemistry, Kansas State University, USA (with Prof. Duy H. Hua)
2000 – 2001	Department of Chemistry, Emory University, USA (with Prof. Lanny S. Liebeskind)

Education

2000	Ph.D., Graduate School of Pharmaceutical Sciences, Osaka University (with Prof. Y. Kita)
1997	M.S., Graduate School of Pharmaceutical Sciences, Osaka University (with Prof. Y. Kita)
1995	B.A., Department of Pharmaceutical Sciences, Osaka University (with Prof. Y. Kita)

Awards

2011	JSPC Award, Japan Society of Process Chemistry
2010	The Pharmaceutical Society of Japan Tokai Branch Award for Young Scientists

Publications

35) **Egi, M.***; Shimizu, K.; Kamiya, M.; Ota, Y.; Akai, S.
Central–Axial–Central Chirality Transfer: Asymmetric Synthesis of Highly Substituted Indenes Bearing a Stereogenic Quaternary Carbon Center from Optically Active Propargyl Alcohols
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34) Yokozawa, S.; Ohneda, N.; Muramatsu, K.; Okamoto, T.; Odajima, H.; Ikawa, T.; Sugiyama, J.; Fujita, M.; Sawairi, T.; Egami, H.; Hamashima, Y.; **Egi, M.**; Akai, S.
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33) **Egi, M.***; Ota, Y.; Nishimura, Y.; Shimizu, K.; Azechi, K.; Akai, S.
Efficient Intramolecular Cyclizations of Phenoxyethynyl Diols into Multisubstituted α,β-Unsaturated Lactones
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32) Yamazaki, Y.; Yasuda, K.; Matsuyama, T.; Ishihara, T.; Higa, R.; Sawairi, T.; Yamaguchi, M.; **Egi, M.**; Akai, S.; Miyase, T.; Ikari, A.; Miwa, M.; Sugatani, J.
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31) **Egi, M.**; Sugiyama, K.; Saneto, M.; Hanada, R.; Kato, K.; Akai, S.
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30) Takagi, A.; Ikawa, T.; Kurita, Y.; Saito, K.; Azechi, K.; **Egi, M.**; Itoh, Y.; Tokiwa, H.; Kita, Y.; Akai, S.
Generation of 3-borylbenzynes, their regioselective Diels–Alder reactions, and theoretical analysis
Tetrahedron **2013**, *69*, 4338–4352.

29) Komaki, R.; Ikawa, T.; Saito, K.; Hattori, K.; Ishikawa, N.; Fukawa, H.; **Egi, M.**; Akai, S.
Discovery of Aromatic Components with Excellent Fragrance Properties and Biological Activities: β-Ionols with Antimelanogenetic Effects and Their Asymmetric Syntheses
Chem. Pharm. Bull. **2013**, *61*, 310–314.

28) **Egi, M.**; Kawai, T.; Umemura, M.; Akai, S.
Heteropolyacid-Catalyzed Direct Deoxygenation of Propargyl and Allyl Alcohols
J. Org. Chem. **2012**, *77*, 7092–7097.

27) **Egi, M.**; Umemura, M.; Kawai, T.; Akai, S.
Heteropoly Compound Catalyzed Synthesis of Both *Z*- and *E*-α,β-Unsaturated Carbonyl Compounds
Angew. Chem. Int. Ed. **2011**, *50*, 12197–12200.

26) **Egi, M.**; Azechi, K.; Akai, S.
Reusable and Durable Immobilized-Cationic Gold(I) Catalysts for Environmentally Benign Bond-Forming Reactions
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25) **Egi, M.**
Development of Environmentally Benign Transformations via 1,3-Transposition of Hydroxyl Group
Yakugaku Zasshi **2011,** *131*, 1453–1460.

24) Akai, S.; Hanada, R.; Fujiwara, N.; Kita, Y.; **Egi, M.**
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23) Ikawa, T.; Takagi, A.; Kurita, Y.; Saito, K.; Azechi, K.; **Egi, M.**; Kakiguchi, K.; Kita, Y.; Akai, S.
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22) **Egi, M.**; Azechi, K.; Saneto, M.; Shimizu, K.; Akai, S.
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21) **Egi, M.**; Azechi, K.; Akai, S.
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20) Akai, S.; Ikawa, T.; Takayanagi, S.; Morikawa, Y.; Mohri, S.; Tsubakiyama, M.; **Egi, M.**; Wada, Y.; Kita, Y.
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19) **Egi, M.**; Yamaguchi, Y.; Fujiwara, N.; Akai, S.
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18) Akai, S.; Nemoto, H.; **Egi, M.**
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17) Yang, H.; Li, H.; Wittenberg, R.; **Egi, M.**; Huang, W.; Liebeskind, L. S.
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16) Akai, S.; Tanimoto, K.; Kanao, Y.; **Egi, M.**; Yamamoto, T.; Kita, Y.
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15) Wittenberg, R.; Srogl, J.; **Egi, M.**; Liebeskind, L. S.
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9) Kita, Y.; **Egi, M.**; Ohtsubo, M.; Saiki, T.; Okajima, A.; Takada, T.; Tohma, H.
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J. Chem. Soc., Perkin Trans. 1 **1998,** 635–636.

5) Kita, Y.; Takeda, Y.; Okuno, T.; **Egi, M.**; Iio, K.; Kawaguchi, K.; Akai, S.
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Chem. Commun. **1996,** 2225–2226.

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3) Kita, Y.; **Egi, M.**; Okajima, A.; Ohtsubo, M.; Takada, T.; Tohma, H.
Hypervalent iodine(III) induced intramolecular cyclization of substituted phenol ethers bearing an alkyl azido sidechain-a novel synthesis of quinone imine ketals
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Heterocycles **1996,** *42*, 47–51.

1) Kita, Y.; Okuno, T.; **Egi, M.**; Iio, K.; Takeda, Y.; Akai, S.
An effective *p*-thiocyanation of phenols using phenyliodine dichloride-lead(II) thiocyanate
Synlett **1994,** 1039–1040.