

## BIOGRAPHICAL SKETCH: TSUNEMATSU, Yuta

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### Education:

2006 B.S. Organic chemistry, Nagoya University (Thesis Adviser: Prof. Daisuke Uemura)  
2008 M.S. Organic chemistry, Nagoya University (Thesis Adviser: Prof. Daisuke Uemura)  
2011 Ph.D. Organic chemistry, Kyoto University (Thesis Adviser: Prof. Hideaki Kakeya)  
2011 Postdoctoral Fellow, Department of Pharmaceutical Sciences, University of Shizuoka  
(Principal Investigator: Prof. Kenji Watanabe)

### Professional Experience:

2012-present: Appointed Assistant Professor, Department of Pharmaceutical Sciences,  
University of Shizuoka (Principal Investigator: Prof. Kenji Watanabe)  
2011-2012 JSPS Postdoctoral Fellow, Department of Pharmaceutical Sciences,  
University of Shizuoka

### Academic Honors:

2012 10th award for Leave a Nest Grants  
from Leave a Nest Co., Ltd.  
2011-2012 Postdoctoral Fellowship  
from Japan Society for the Promotion of Science  
2010 Japan Young Scientist Research Award In Natural Product Chemistry  
at 52th Symposium on the Chemistry of Natural Products  
2010-2011 Training Grant for Young Scientist  
from Japan Society for the Promotion of Science

### Professional Societies

The Pharmaceutical Society of Japan  
Japan Society for Bioscience, Biotechnology, and Agrochemistry

### Publications:

5. **Tsunematsu, Y.**, Ichinoseki, S., Nakazawa, T., Ishikawa, N., Noguchi, H., Hotta, K., Watanabe, K. Overexpressing transcriptional regulator in *Chaetomium globosum* activates a silent biosynthetic pathway: Evaluation of shanorellin biosynthesis." *J. Antibiot.* 65, 377-380, **2012**.
4. Kishimoto, S., **Tsunematsu, Y.**, Nishimura, S., Hayashi, Y., Hattori, A., Kakeya, H. Tumescenamide C, an antimicrobial cyclic lipodepsipeptide from *Streptomyces* sp. *Tetrahedron* 68, 5572-5578, **2012**.
3. Ishiuchi, K., Nakazawa, T., Ookuma, T., Sugimoto, S., Sato, M., **Tsunematsu, Y.**, Ishikawa, N., Noguchi, H., Hotta, K., Moriya, H., Watanabe, K. Establishing a new methodology for genome mining and biosynthesis of polyketides and peptides through yeast molecular genetics. *ChemBioChem* 13, 846-854, **2012**.

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2. Tsunematsu, Y., Ohno, O., Konishi, K., Yamada, K., Suganuma, K., Uemura, D. Symbiospirols: novel long carbon-chain compounds isolated from symbiotic marine dinoflagellate *Symbiodinium* sp. *Org. Lett.* 11, 2153-2156, **2009**.

1. Kita, M. Tsunematsu, Y. Hayakawa, I. Kigoshi, H., Structure of zamamistatin - a correction. *Tetrahedron Lett.* 49, 5383-5384, **2008**.