

CURRICULUM VITAE

NAME: Nobutaka Funa

TITLE: Associate Professor

AFFILIATION: Laboratory of Chemical Biology, School of Food and Nutritional Sciences/Graduate Division of Nutritional and Environmental Sciences, University of Shizuoka, Japan

MAJOR RESEARCH INTERESTS: Biosynthesis of natural products including (i) chemical reaction and biological function of type III polyketide synthases, and (ii) production of polyketides by engineering of polyketide synthase in heterologous hosts.

EDUCATION:

2003: Ph.D., Graduate School of Agricultural and Life Sciences, The University of Tokyo.

2000: M.S., Graduate School of Agricultural and Life Sciences, The University of Tokyo.

1998: B. S., Faculty of Science and Technology, Keio University.

ACADEMIC CAREER HISTORY:

2010-present: Associate Professor, School of Food and Nutritional Sciences, Graduate School of Nutritional and Environmental Sciences, University of Shizuoka

2003: Assistant Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo.

SELECTED PUBLICATIONS:

Katsuyama, Y., Funa, N., Miyahisa, I., and Horinouchi, S.: Synthesis of unnatural flavonoids and stilbenes by exploiting the plant biosynthetic pathway in *Escherichia coli*. *Chem. Biol.* **14**, 613-621 (2007)

Funa, N., Ozawa, H., Hirata, A., and Horinouchi, S.: Phenolic lipid synthesis by type III polyketide synthases is essential for cyst formation in *Azotobacter vinelandii*. *Proc. Natl. Acad. Sci. USA* **103**, 6356-6361 (2006)

Funa, N., Ohnishi, Y., Fujii, I., Shibuya, M., Ebizuka, Y., and Horinouchi, S.: A new pathway for polyketide synthesis in microorganisms. *Nature* **400**, 897-899 (1999)