

## Yuya Ohhara, PhD

Research Assistant Professor, Laboratory of Human Genetics  
School of Food and Nutritional Sciences, University of Shizuoka

Tel: +81-54-264-5226

Email: [y-ohhara@u-shizuoka-ken.ac.jp](mailto:y-ohhara@u-shizuoka-ken.ac.jp)

### Education

**Doctor of Philosophy** in Graduate School of Nutritional and Environmental Sciences, University of Shizuoka, 2014

**Bachelor of Science** in School of Food and Nutritional Sciences, University of Shizuoka, 2009

**Associate** in Department of Materials Science and Engineering, Suzuka National College of Technology, 2007

### Employment

**University of Shizuoka**, School of Food and Nutritional Sciences, Research Assistant Professor, 2015-present

**University of California, Riverside**, Department of Entomology, Researcher, 2014-2015

**Okazaki Institute for Integrative Bioscience**, Department of Biodesign Research, Researcher, 2014

### Publications

- 1) Ohhara Y, Kobayashi S, Yamanaka N (2017) Nutrient-dependent endocycling in steroidogenic tissue dictates timing of metamorphosis in *Drosophila melanogaster*. PLoS Genet., 13(1):e1006583.
- 2) Ohhara Y, Shimada-Niwa Y, Niwa R, Kayashima Y, Hayashi Y, Akagi K, Ueda H, Yamakawa-Kobayashi K, and Kobayashi S. (2015) Autocrine regulation of ecdysone synthesis by beta3-octopamine receptor in the prothoracic gland is essential for *Drosophila* metamorphosis. Proceedings of the National Academy of Sciences of the United States of America, 112: 1452-1457.
- 3) Ohhara Y, Kayashima Y, Hayashi Y, Kobayashi S, and Yamakawa-Kobayashi K. (2012) Expression of beta-adrenergic-like octopamine receptors during *Drosophila* development. Zoological Science, 29: 83-89.

### Lab. page

<http://sfns.u-shizuoka-ken.ac.jp/sfnseng/teachers/page011.html>