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Postdoctoral researcher (*starting Apr. 2017*)
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Education

Kyoto University (Japan)	Ph.D. Science	2013
Kyoto University (Japan)	Master's	2010
Kyoto University (Japan)	B.S.	2004-08

Positions and Employment

2017-present	Postdoctoral Associate, Centre for Developmental Genetics, Department of Biology, New York University
2015-2017	Assistant Professor, Research Centre of Genomic Medicine, Saitama Medical University (Japan)
2014-2015	Postdoctoral fellow, Research Centre of Genomic Medicine, Saitama Medical University (Japan)
2012-2014	JSPS Research Fellow, Kyoto University (Japan).

Honors and Awards

2011	Zoological science award 2011 (Japan)
2011	Fujii award (Japan)

Publications (peer-reviewed, reverse chronological order).

2020

8. [Naoyuki Ohta](#), Nicole Kaplan, James Tyler Ng, Basile Jules Gravez, Lionel Christiaen. *Asymmetric Fitness of Second-Generation Interspecific Hybrids Between *Ciona robusta* and *Ciona intestinalis**. **G3**, 2020, PMID: 32518083 DOI: 10.1534/g3.120.401427.

2015

7. [Naoyuki Ohta](#), Kana Waki, Atsushi Mochizuki, Yutaka Satou. *A Boolean function for neural induction reveals a critical role of direct intercellular interactions in patterning the ectoderm of the ascidian embryo*. **PLOS Comp Biol**, 2015, 11(12):e1004687. PMID: 26714026 PMCID: PMC4695095 DOI: 10.1371/journal.pcbi.1004687.

2014

6. Chisato Kamiya, Naoyuki Ohta, Yousuke Ogura, Keita Yoshida, Takeo Horie, Takehiro G Kusakabe, Honoo Satake, Yasunori Sasakura. *Non-reproductive role of gonadotropin-releasing hormone in the control of ascidian metamorphosis*. **Dev. Dynm.**, 2014, 243, 1524-1535. PMID: 25130398 DOI: 10.1002/dvdy.24176.

2013

5. Naoyuki Ohta, Yutaka Satou. *Multiple signaling pathways Coordinate to Induce a Threshold Response in a Chordate Embryo*. **PLoS Genetics**, 2013, 9(10), e1003818. PMID: 24098142 PMCID: PMC3789818 DOI: 10.1371/journal.pgen.1003818.

2011

4. Mayuko Hamada, Naoki Shimozono, Naoyuki Ohta, Yutaka Satou, Takeo Horie, Tsuyoshi Kawada, Honoo Satake, Yasunori Sasakura, Nori Satoh. *Expression of neuropeptide- and hormone-encoding genes in the Ciona intestinalis larval brain*. **Dev. Biol.**, 2011, 352, 202-214. PMID: 21237141 DOI: 10.1016/j.ydbio.2011.01.006.

2010

3. Naoyuki Ohta, Takeo Horie, Nori Satoh, Yasunori Sasakura. *Transposon-mediated Enhancer Detection Reveals the Location, Morphology and Development of the Cupular Organs, which are Putative Hydrodynamic Sensors, in the Ascidian Ciona intestinalis*. **Zoological Science**, 2010, 27, 842-850. PMID: 21039122 DOI: 10.2108/zsj.27.842
2. Naoki Shimozono, Naoyuki Ohta, Nori Satoh, Mayuko Hamada. *Differential Regional Expression of Genes in the Developing Brain of Ciona intestinalis Embryos*. **Zoological Science**, 2010, 27, 103-109. PMID: 20141415 DOI: 10.2108/zsj.27.103.
1. Akiko Hozumi, Narudo Kawai, Reiko Yoshida, Yosuke Ogura, Naoyuki Ohta, Honoo Satake, Nori Satoh, Yasunori Sasakura. *Efficient transposition of a single Minos transposon copy in the genome of the ascidian Ciona intestinalis with a transgenic line expressing transposase in eggs*. **Dev. Dynm.**, 2010, 239, 1076-1088. PMID: 20186916 DOI: 10.1002/dvdy.22254.