

# KAZUNARI MIYAMICHI

Laboratory for Comparative Connectomics  
RIKEN Center for Developmental Biology  
Rm504, CDB Building#C, Minatominamimachi 2-2-3, Chuo-ku, Kobe 650-0047,  
Japan

[kmiyamichi@gmail.com](mailto:kmiyamichi@gmail.com)

[Kazunari.Miyamichi@riken.jp](mailto:Kazunari.Miyamichi@riken.jp)



## Education

**Ph.D. in Biophysics and Biochemistry**, Graduate School of Science, The University of Tokyo 2006  
**B.S. in Biophysics and Biochemistry**, The University of Tokyo 2001

## Experience

**Team Leader, RIKEN CDB** 2017.9-

**Project associate professor, The University of Tokyo, Department of Agricultural and Life Sciences**

**Group leader, ERATO Touhara Chemosensory Project** 2013.9-

- Studying mouse pheromone processing neuronal circuits in the amygdala-hypothalamus axis.
- Optimizing rabies virus mediated trans-synaptic tracing tools for whole brain imaging and computational analysis.
- Supervising three graduate students and one undergraduate student.

**Stanford University, Department of Biology and HHMI**

*HHMI Research Associate in the laboratory of Prof. Liqun Luo* 2010-2013

*Postdoctoral Fellow in the laboratory of Prof. Liqun Luo* 2006-2010

- Defined the organization of neuronal circuits in the higher olfactory centers in mice by using rabies virus-mediated retrograde trans-synaptic tracing system.
- Participated in the improvement and extension of a genetic mosaic analysis method (Mosaic Analysis with Double Markers).
- Supervised one graduate student and one undergraduate student.

**The University of Tokyo, Department of Biophysics and Biochemistry**

*Graduate Student in the laboratory of Prof. Hitoshi Sakano* 2001-2006

- Defined mechanisms for mono-allelic expression of odorant receptor genes and glomerular map formation in the olfactory bulb.
- Supervised one graduate student and two undergraduate students.
- Assisted in one graduate-level training course (introductory biochemistry).

**The University of Tokyo, Department of Biophysics and Biochemistry**

*Undergraduate Thesis Student in the laboratory of Prof. Hitoshi Sakano* 2000-2001

- Analyzed gene expression in the olfactory epithelium to define region-specific markers.

## Fellowships and Awards

Human Frontier Science Program Postdoctoral Fellowship 2007-2010

JSPS Postdoctoral Fellow for Research Abroad 2006-2007

Research Fellowship for Young Scientists from JSPS 2004-2006

Sammy Kuo Award for postdoctoral fellow 2011