

Naoya Takahashi, Ph.D.

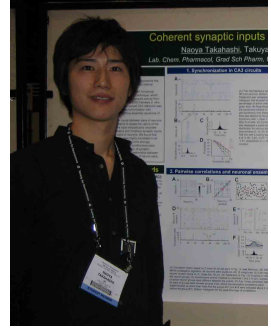
Postdoctoral fellow

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Born on 6 September 1983 in Japan.

QUALIFICATIONS:

License to practice pharmacy

FELLOWSHIPS:

JSPS Postdoctoral Fellowship for Research Abroad, 2012-2014

JSPS Research Fellowship for Young Scientists, 2008-2011

AWARDS:

Global COE Travel Grants Award, 2010

FujiSankei Business i. Award of Advanced Technology, 2007

MEMBERSHIPS:

Society for Neuroscience

Federation of European Neuroscience Societies

Japan Neuroscience Society

EDUCATION:

- March 2011 Ph.D., Graduate School of The University of Tokyo, Department of Pharmaceutical Sciences, Tokyo, Japan
- March 2008 M.S., Graduate School of The University of Tokyo, Department of Pharmaceutical Sciences, Tokyo, Japan
- March 2006 B.S., Kyoto University, Department of Pharmaceutical Sciences, Kyoto, Japan

WORK EXPERIENCE:

Charité Universitätsmedizin Berlin, Neuroscience Research Center, 2011-present

- Postdoctoral fellow (Advisor: Prof. Dr. Matthew Larkum)

University of Tokyo, Japan

- Assistant Professor at Department of Pharmaceutical Sciences, 2011-2012
- Teaching Assistant at Department of Pharmaceutical Sciences, 2006-2011

SELECTED PUBLICATIONS:

- 1| **Takahashi N** et al. (2012)
Locally Synchronized Synaptic Inputs.
Science, 335:353–356
- 2| **Takahashi N** et al. (2011)
High-speed multineuron calcium imaging using Nipkow-type confocal microscopy.
Curr Protoc Neurosci, Chapter 2:Unit 2.14.
- 3| **Takahashi N** et al. (2010)
Functional Multineuron Calcium Imaging for Systems Pharmacology.
Anal Bioanal Chem, 398:211–218
- 4| **Takahashi N** et al., (2010)
Circuit topology for synchronizing neurons in spontaneously active networks.
Proc Natl Acad Sci USA, 107:10244–10249
- 5| **Takahashi N** et al. (2007)
Watching neuronal circuit dynamics through functional multineuron calcium imaging (fMCI). *Neurosci Res*, 58:219–225.