

Dajung Jung, Ph.D

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Education

- 2011 – 2020 Feb **Ph.D.** in Neurocience. Korea Advanced Institute of Science and Technology (KAIST). Daejeon, Korea.
- 2006 - 2010 Feb **B.S.** Double Major in Chemistry and Biological Science. Dong-a University. Busan, Korea.

Research Experience

- 2020 Feb – Present **Postdoctoral Research Scientist.** Center for Neuroscience, Brain Science Institute, Korea Institute of Science and Technology (KIST). Seoul, Korea.
- 2013– 2020 Feb **Student Researcher.** Center for Functional Connectomics, Brain Science Institute, Korea Institute of Science and Technology (KIST). Seoul, Korea.
- 2011 Feb - 2013 **Student Researcher.** Biological Science. Korea Advanced Institute of Science and Technology (KAIST). Daejeon, Korea.
- 2010 March - August **Research assistant.** Korea Research Institute of Bioscience and Biotechnology. Daejeon, Korea.
- 2010 Jan - Feb **Internship.** Korea Research Institute of Bioscience and Biotechnology. Daejeon, Korea.
- 2009 Jan - Feb **Internship.** Department of Life Science. Ewha Womans University. Seoul, Korea.

Training and Workshops

- 2019 7th-9th Aug Meeting of Asia & Pacific Women in Science and Technology, KWSE/APNN International Young Woman Scientist Camp
- 2016 Feb Matlab course, Information Technology Academy, Korean Advanced Institute of Science and Technology (KAIST). Daejeon, Korea.

Awards and Honors

- Best Poster award, The association of Korean Woman Scientists and Engineers (KWSE) (2019)
- Scholarship award, KIST (2011-2019)
- KAIST support scholarship (2012-2015)

Publications

- S. Kim, **D. Jung**, S. Royer, “Place maps slowly develop via competitive learning and conjunctive coding in the dentate gyrus” (In preparation)
- **D. Jung**, S. Kim, A. Sariev, F. Sharif, D. Kim, S. Royer, “Dentate granule and mossy cells exhibit distinct spatiotemporal responses to local change in a one-dimensional landscape of visual-tactile cues” *Scientific Reports* (2019) Jul 2. doi: 10.1038/s41598-019-45983-6
- A. Sariev, J. Chung, **D. Jung**, F. Sharif, J.Y. Lee, S. Kim, S. Royer, “Implantation of Chronic Silicon Probes and Recording of Hippocampal Place Cells in an Enriched Treadmill Apparatus.” *Journal of Vis. Exp.* (2017) e56438, doi:10.3791/56438
- J. Chung *, F. Sharif *, **D. Jung** *, S. Kim, S. Royer, “Micro-drive and headgear for chronic implant and recovery of optoelectronic probes” *Scientific Reports* (2017) Jun 5;7(1):2773. doi: 10.1038/s41598-017-03340-5. (*Co-first author)

Conference poster presentations

- The 49th Annual Meeting of Society for Neuroscience (SfN) (2019)
- 10th IBRO World Congress of Neuroscience (2019)
- Meeting of Asia & Pacific Women in Science and Technology, KWSE/APNN International Young Woman Scientist Camp (2019)
- The 48th Annual Meeting of Society for Neuroscience (SfN) (2018)
- The 21th Annual Meeting of the Korean Society for Brain and Neural Science (KSBNS) (2018)
- The 45th Annual Meeting of Society for Neuroscience (SfN) (2015)
- The 44th Annual Meeting of Society for Neuroscience (SfN) (2014)

Teaching experience

- Teaching Assistant, Biology, KAIST (2014)
- Teaching Assistant, Biochemistry Experiments, KAIST (2012)
- Teaching practicum. Samsung girls' High school. Busan, Korea (2009)

Teaching certificates

- Secondary teaching license in Biology (2010)
- Secondary teaching license in Chemistry (2010)