

Report of 46th Annual Meeting of Society for Neuroscience

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I attended the 46th annual meeting of society for neuroscience took place in November 12-16, 2016 at the San Diego Convention Center, San Diego, California, USA. Part of the travel expense was supported by the 2016 International Conference Travel Grants from University of Tokyo. The purpose of the attendance was to obtain the latest knowledge of neuroscience, to interact with the researchers who are on the cutting edge of science, and to present the poster of our work titled:

Inada, K. Tsuchimoto, Y. and Kazama, H.

“Interaction between cell-type-specific excitation and inhibition in the *Drosophila* mushroom body circuit”. Poster # 527.02/TT11.

The poster showed how response of neurons in the brain region crucial for the olfactory association is generated through the interaction of excitatory and inhibitory synaptic inputs. I could have invaluable discussions with many researchers from all over the world, including three famous PIs. I also checked more than 20 posters/lectures. I found that the number of projects utilized SLM (spatial light modulator) microscope was larger than I had expected. SLM microscope is advantageous for fast imaging or arbitrary 3D stimulation of optogenetic probes. Until recently, researchers have to construct SLM microscope by themselves. In the conference, however, several companies exhibited easy-to-implement SLM microscope, implying that more number of SLM-microscope-related project would be published in the future.

During the stay, the weather of San Diego was fine and warm, just like the summer in Japan. Although headline of TV news reported the US presidential election and subsequent post-election turmoil in many places in US including San Diego, the district where I stayed was peaceful and calm all the time.



Photo: San Diego Convention Center