

**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

	2017.11.06
<b>Affiliation/Position</b>	Primate Research Institute/ M1
<b>Name</b>	YAN Xiaochan

<b>1. Country/location of visit</b>
Kyushu University, Fukuoka, Kyushu, Japan
<b>2. Research project</b>
The 16 <sup>th</sup> International Symposium on Molecular and Neural Mechanisms of Taste and Olfactory Perception
<b>3. Date (departing from/returning to Japan)</b>
2017.11.03 – 2017.11.04(2 days)
<b>4. Main host researcher and affiliation</b>
Dr. Yuzo Ninomiya, Kyushu University
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)
Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.
<p>During November 3<sup>rd</sup> and 4<sup>th</sup>, I attended to the 16th International Symposium on Molecular and Neural Mechanisms of Taste and Olfactory Perception. I gave a poster presentation on the symposium. By attending to this symposium, I got the opportunity to discuss with many specialists who study advanced field on taste and olfactory perception, I received very useful suggestions and comments for my study.</p> <p>As for my project, I analyzed the exon genomic data of the two Sulawesi species, <i>Macaca tonkeana</i>, <i>Macaca hecki</i>. I found that 20 olfactory receptor genes are species specific between two species. I am very interested in how or what these genes effect the two species on their environment. On the same time, I am studying on bitter taste receptor TAS2R38 of the two species as well. I found PTC non-taster in <i>Macaca tonkeana</i>, but all PTC taster in <i>Macaca hecki</i>, it aroused my great interest in understanding the mechanism of non-taster phenotype and their feeding ecology. Through the two-days symposium, I have developed an overview of olfactory and taste perception on molecular and neural mechanisms, and got the chance to know advanced study of the field. I greatly believe it will be of great help in my academical life.</p> <p>In addition to the symposium, I walked around the center of Fukuoka as well. It is the Shichi-Go-San traditional festival, many boys and girls who dressed up kimono, visited shrine to drive out evil spirits and wish for a long healthy life.</p> <p>Finally, I would like to express my gratitude to Dr. Ninomiya for organizing the symposium. I also want to express my great gratitude to PWS for organization and financial support.</p>

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Fig 1. Information of the 16<sup>th</sup> ISMNTOP



Fig 2. Kushida Shrine

**6. Others**