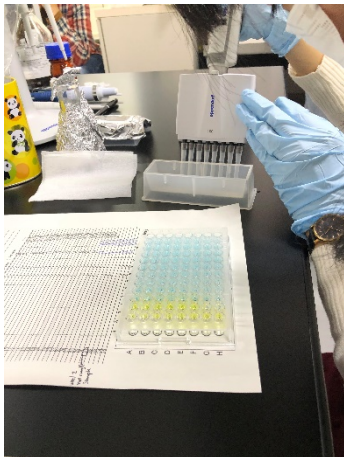


Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

2019. December, 20	
Affiliation/Position	Primate Research Institute/M1
Name	Mikuho Yokoyama

1. Country/location of visit
Wildlife Research Center, Kyoto University
2. Research project
Genome Science Course
3. Date (departing from/returning to Japan)
2019. November. 25 – 2019. November. 29 (5 days)
4. Main host researcher and affiliation
Dr. Kinoshita, Assistant Professor at Wildlife Research Center, Kyoto University
5. Progress and results of your research/activity (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>I participated in Genome Science Course from 11/25 to 11/29. We conducted field work at western part of the island staying at PWS house Yakushima.</p> <p>Schedule;</p> <p>11/25 Orientation for the lab work 11/26-28 Preparation of samples 11/29 Measurement of concentration of sex hormone, Preparation for poster presentation</p> <p>It was the first time to measure the concentration of hormone for me, but I could enjoy this course and study a lot because Dr. Kinoshita and other group members kindly taught me how I should do. Extraction of hormone took time (about several days) and the process was a little complicated, but I was surprised that we can extract hormone and exactly measure the concentration of it from even one piece of feces. We got clear result, but it was different from our prediction. There remains a lot of mysteries in the life of Yakusika deer but it is honorable if our result helps the study of field work of the species.</p> <div style="display: flex; align-items: center; margin-top: 20px;">  <div style="margin-left: 20px;"> <p>Fig 1. The process of measurement of P4 hormone (This phot was taken by Gris Vanessa)</p> </div> </div>
6. Others
I would like to thank PWS for supporting this course.

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