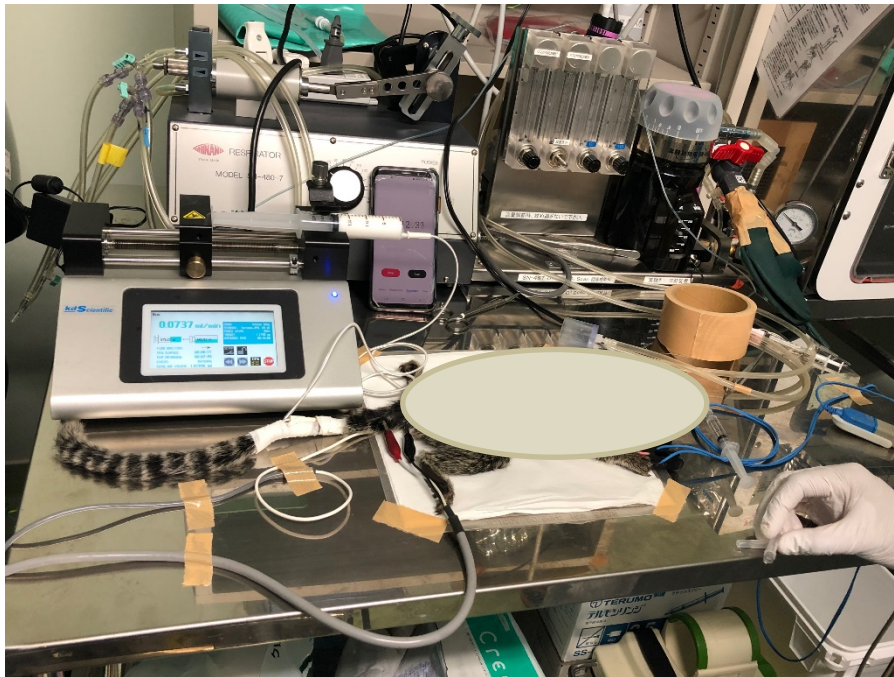


**Research Activity Report**  
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(Please be sure to submit this report after the trip that supported by PWS.)

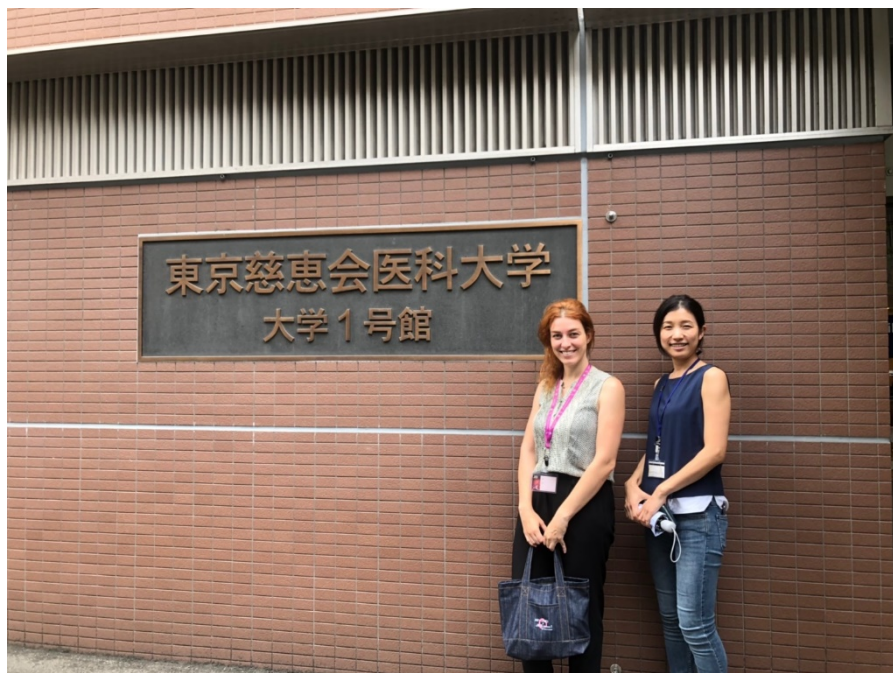
|                             |                               |
|-----------------------------|-------------------------------|
| 2019. 08, 21                |                               |
| <b>Affiliation/Position</b> | Primate Research Institute/D1 |
| <b>Name</b>                 | Vanessa Nadine Gris           |

|   |
|---|
| <b>1. Country/location of visit</b>   |
| University of Tokyo, Jikei University School of Medicine, Tokyo, Japan  |
| <b>2. Research project</b>  |
| Study of propofol in common-marmosets   |
| <b>3. Date (departing from/returning to Japan)</b>  |
| 2019. 06. 20 - 2019. 06. 21   |
| <b>4. Main host researcher and affiliation</b>  |
| Hiroki Ohta (Jikei University School of Medicine)   |
| <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>On the 20 of June I visited the Veterinary Medical Center belonging to the University of Tokyo. I had the opportunity to have a guided visit to the hospital and observe the clinical routine. Under the supervision of the anesthetists Dr. Nagakubo and Dr. Kawata, I could observe 3 procedures scheduled for that day on the surgical room: 1) nephrectomy due to a massive tumor, 2) gastric tube placement in cat presenting oral tumor and 3) liver biopsy and bladder polyp removal in a dog. Also, I could meet Dr. Iizuka, whose research I used as a reference for my PhD project about the pharmacokinetic of opioids.</p> <p>At the Jikei University School of Medicine we could join the experiment of Kanako Muta, UT's PhD candidate and collaborator of my research. She is studying the use of propofol in common-marmosets (<i>Callithrix jacchus</i>). One part of her experimental protocol is very similar to the one I intend to perform with the Japanese macaques. For this reason, it was very important to observe and help her in the experiment in order to get an idea of the steps and configuration of the procedures. We also had a meeting to discuss our studies. I had the chance to present the preliminary results of my research about facial expressions of pain in Japanese macaques. Muta-san presented the results she obtained so far in the previous phases of her doctorate. She is doing an extensive research comparing the effects of propofol and isoflurane as general anesthetics in common-marmosets, their pharmacokinetics and also analyzing the effects they induce in brain activity using functional MRI.</p> |

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Experiment with propofol in common marmosets



Kanako Muta and I in front of the Jikei University School of Medicine

## 6. Others

I would like to thank PWS for the support. Also, thanks to my colleague Kanako Muta for inviting us to assist her experiment and to Dr. Hiroki Ohta for welcoming us at the Jikei University School of Medicine.