

## 滞在報告

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I am thankful to Professor Sohrin for offering me the chance to participate in the short-term exchange program at Kyoto University. It was my first time experiencing an extended stay in Japan, and I thoroughly enjoyed the experience. The Mukaijima Gakusei Center, where I resided, was very pleasant and equipped with all the necessary amenities for daily living. It also offered great convenience for grocery shopping and dining out. The bike commute from the dormitory to Uji Campus lasts approximately 20 minutes, yet the enchanting scenery along the way makes it feel much closer and enjoyable. The lab members in Professor Sohrin's group are all very nice and helpful. The main objective of the short-term exchange is to examine the cycling of trace metals through the analysis of concentration and isotopic composition in marine sinking particles collected in the Northwestern Pacific Ocean. In the past, I used to handle one element at a time for isotopic samples. It was my first time doing six elements (Ni, Cu, Pb, Fe, Zn, and Cd) simultaneously. Due to the concentration range varying by up to four orders of magnitude among elements in marine sinking particles, we encountered numerous challenges during metal purification pretreatment. Luckily, we overcame all the challenges and completed all the assignments successfully. Throughout the exchange period, I benefitted from the lab members' progress reports during Professor Sohrin's lab meetings and gained valuable knowledge from Associate Professor Takano and Assistant Professor Zheng. Experiencing the diverse cultures of Japan has been a delightful journey. At the Uji Campus cafeteria, I had the opportunity to savor a wide range of high-quality Japanese dishes, all at a reasonable price. I also had the chance to experience sushi, Japanese BBQ, okonomiyaki, green tea mochi, sake, shochu, and plum wine, and I enjoyed each of them. Moreover, I had a wonderful conversation with Takano san and Zheng san while enjoying the meal. Over the weekend, I had the chance to explore Nara National Park, where I marveled at the impressive grand temple and encountered adorable deer. I also had the opportunity to draw my first Japanese omikuji and was lucky to obtain a positive fortune. One month is insufficient to fully explore Kyoto city and its surrounding regions. I look forward to the chance to return in the future and participate in further collaborations.

