

京都大学若手人材海外派遣事業 スーパージョン万プログラム  
研究者派遣プログラム

英文報告書

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1. 渡航者 (日本語)			
氏 名	児島 憲二	採択年度	平成27年度
部 局	農学研究科	電 話	
職 名	助教	メー ル	
研究課題名	Studies on Ribonucleases H from Biochemical and Biological Perspectives		
海外渡航期間	平成27年4月1日～ 平成28年3月31日		
渡航先 (英語表記)	国名: United States of America 大学等研究機関名: National Institutes of Health 研究室名等: Section on Formation of RNA, NICHD 受入研究者名: Dr. Robert J. Crouch		
2. 渡航の報告 (英文)			
<p>渡航先の研究環境、研究者との交流、研究発表の状況等、渡航中の滞在経験について英語(500～1000語)で記述して下さい。受入研究者と撮影した写真や研究発表で用いた図等について、可能な範囲で別添として提出して下さい。ページ数については増加してもかまいません。</p>			
<p>At the beginning of my stay in US, I was much confused because I was not used to life in US and I have no idea where the reagents and experimental equipments are in the laboratory. This experience realized me that I should be more considerate of foreign students who come in our lab.</p> <p>The laboratory where I stayed is not so huge and only six people work there, but there are enough experimental apparatus, so it was convenient for me. In NIH, there is the Intramural Research Program that enables researchers in NIH to conduct research collaboration within NIH easily. I think it is one of the reasons why NIH generates many high-impact research outputs. Through my stay in Dr. Crouch's lab, I strongly feel that he never sticks to old technologies and that he always seeks for new technologies to move his research forward. Actually, he conducts many research collaborations both within and out of NIH. I think he is good at selecting the most appropriate research collaborators. I was impressed that he was very active and dissected mouse very well on his bench even though he is nearly 70 years old. I was also impressed that he comes to the lab every Saturday to check the mouse condition by himself.</p> <p>Dr. Crouch is so kind and attentive. On a birthday of lab members, he always prepares a birthday card and cakes and we celebrate it together. The atmosphere of the lab is very nice. I feel that his attractive personality contributes to the good management of his lab and makes research collaboration with other researchers successful.</p> <p>Until now I have exclusively conducted biochemical studies and I have not had opportunities</p>			

to learn biological studies such as experiments with using gene-modified mouse. In Dr. Crouch's lab, both biochemical and biological studies are conducted, so I could learn the essence of biological studies. I will try biological studies in our lab.

The laboratory meetings are held on every Wednesday. In the meetings, Dr. Crouch invites a couple of principal investigators within NIH to obtain critical opinions on the research aggressively. In his turn of presentation at the meeting, he introduces reference papers and tells the all lab member his vision for new research plans. I presented the progress of my research four times at the meeting during my stay for one year. Now I have confidence that my presentation in English has been much improved. At the beginning, I could not answer the questions from the audience nicely, but at my last presentation I could understand questions clearly and answer them. Dr. Crouch also appreciates the improvement of my English. I strongly feel that smooth communication with English is necessary to make international research collaboration successful.

Unfortunately, I could not accomplish the original goal of my research and I could not publish a joint paper with Dr. Crouch. He willingly agrees my offer that I continue the research in our lab in Kyoto University, and the professor in our lab, Dr. Kiyoshi Yasukawa, also agrees it.

In NIH, there are excellent lectures presented by leading researchers within NIH or by invited researchers every day. I actively attended them to learn how first-rate researchers present their research and to improve my communication skill in English. Besides those lectures, there is a small meeting where only Japanese attend once a month. At this meeting, selected Japanese researcher talks, and it is also very stimulating for me.

Dr. Crouch invited me to his home party together with lab members. At that time I learned a couple of custom different from in Japan, for example people invited to a home party should arrive there about 20 minutes later of the meeting time. Totally, I think my stay in US was greatly fruitful.

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