

支倉常長フェロー報告書

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出張期間	2012年 8月 31日 ~ 9月 8日	
渡航先	Tehran and Kerman, Iran	
渡航目的	学会参加) 共同研究のための留学・()	
発表演題名あるいは 共同研究課題名	Molecular diversity of macrophages in allergic reaction: Comparison between the allergenic modes—T _H 1- and T _H 2-derived immune conditions	
得られた成果など	<p>On the first day of my trip, I attended the gamete and embryo reprogramming workshop and I learned about epigenetics of reprogramming from gametes to blastocyst. Then I attended the 5th international biology conference, held in Kerman, which was including 3 main subjects in biology: Molecular Biology, Animal and Plant Biology. I participated in Molecular biology section and the most interesting topic for me was “The effect of pancreatic mesenchymal stem cells on differentiation of human cord blood CD133+ cells into insulin secreting cells” presented by Dr. Baharvand, a famous scientist who works on stem cell in Tehran University, Iran).</p> <p>I gave a presentation on my research about macrophages on the 6th of September and I faced with lots of questions which meant the subject got their interest very much. The questions were mostly about the future experimental plan especially if the new macrophages markers were confirmed by different methods or not. Also I was asked about the function and roles of novel markers and their role in immunity. There was another question which was about the new method of obtaining M2 macrophages and the accuracy of this M2 macrophages.</p> <p>The last day of my journey was at Tehran University, the 13th international conference of Stem cell, which was so useful for me and I met experts in this field and I learned about what they were focusing on, and what was new on this field including: human induced pluripotent stem cell differentiated into oligodendrocyte progenitors and transplanted in a rat model of optic chiasm demyelination, a different manner of germ cell proliferation under several cultural conditions, and detailed information of obtaining embryonic stem cell, culture, differentiation and treatment ways.</p> <p>As a whole I am satisfied with my talk and all the information I obtained and learned during this trip and I would like to send my warmest thankfulness and regards to GCOE Organization for providing me with this great opportunity to attend these conferences.</p>	
		