


特定非営利活動法人 日本免疫学会
平成 30 年度 後期 Tadimitsu Kishimoto International Travel Award
研究発表報告書

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出席会議名	The 2018 meeting of the International Cytokine and Interferon Society			
発表論文タイトル	VALIDATION THE ROLE OF CTRP6 IN CHRONIC KIDNEY DISEASE PROGRESSION			

実施結果:

I joined the “The 2018 meeting of the International Cytokine and Interferon Society” symposium for poster presentation. My presentation title is “Validation the role of CTRP6 in chronic kidney disease progression” . CTRP6 is categorized as an adipokine and identified as alternative pathway regulator of complement activation system. My results show that complement 3 activations under tubulointerstitial or glomerular lesions progression and developments were significantly enhanced in CTRP6 deficient mice. Complement activation contribute to the renal lesions progression. However, by utilizing complement 3 deficient mice and CTRP6/complement 3 double deficient mice, the results showed the protective effect of CTRP6 was not totally through complement regulation pathway in tubulointerstitial lesions progression. It has been suggested CTRP6 activates other intracellular downstream signals, such as AMPK, Akt, MAPK, PPARs and etc. In poster sessions, I went other poster presentations about these signaling studies, and asked some detailed approaches for these signaling assays. After coming back, I have successfully detected this signal pathways by following some suggestions. I think this would be one of the most important observation I got from the conference. Also, CTRP6 may play different role in other disease. I am getting connection from one scientist from The University of Melbourne, which will teach me some specific animal diseases model. By this cooperation, we may explore more medical value of CTRP6.

Finally, I would like to express my sincere gratitude to Tadimitsu Kishimoto International Travel Award Selection Committee for giving me the opportunity to attend the “The 2018 meeting of the International Cytokine and Interferon Society” symposium.

注) 本参加記は手書きでなく、ワープロを使用して作成してください。