


特定非営利活動法人 日本免疫学会  
2025年度 後期 Tadimitsu Kishimoto International Travel Award  
研究発表報告書

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申請者の所属・職名	PhD student, Dermatology Departemnt, Graduate School Of Medicine, Kyoto University			
出席会議名	Cold Spring Harbor (Gene Expression & Signaling in the Immune System)			
発表論文タイトル	Keratinocytes Expressing Cx26 mutation Compromise <i>Candida</i> Skin Defenense Via impaired Senseing and chemokine production			

実施結果:

Host-pathogen interactions at barrier sites have long been a major source of scientific curiosity. As a dermatologist, I have been particularly interested in understanding how the skin maintains beneficial commensals while effectively eliminating invading pathogens.

I am currently pursuing my PhD in Dermatology at Kyoto University, where my research focuses on epithelial immunity in chronic cutaneous candidiasis. Using translational approaches that integrate mouse models, patient samples, and molecular analyses, I investigate how dysfunction of keratinocytes can impair host defense and lead to persistent fungal infection. Although my research has primarily focused on the skin, I have always been eager to explore other epithelial tissues as well.

Attending Daniel Mucida's workshop at Kyoto University in 2025 sparked my curiosity to learn more about the gut and its unique immune environment. Since he was also one of the organizers of the Cold Spring Harbor conference in 2026, I was inspired to make plans to attend this prestigious meeting. However, I would not have been able to participate without the generous support of the Tadimitsu Kishimoto Travel Award.

Thanks to this award, I had the opportunity to meet inspiring scientists, build new friendships, and present my poster. I also received valuable and insightful feedback on my research, which will greatly benefit my future work.

It was truly an amazing experience, and I am deeply grateful for this unique opportunity.