

真菌医学研究センター セミナー

令和2年9月23日(水) 16:00~17:00

オンライン開催(Microsoft Teams)

Differential roles played by C-type lectin receptors in the anti-aspergillus defense

千葉大学真菌医学研究センター 感染免疫分野

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Aspergillus fumigatus is one of the most ubiquitous microorganisms in the environment. Although it is potentially pathogenic, causing diseases ranging from allergic reactions to severe, life-threatening infections in immunosuppressed individuals, most of us do not develop any sign of illness despite being constantly exposed to *Aspergillus* spores. Yet, the immune mechanisms involved in promoting such effective defensive state are still poorly understood. C-type lectin receptors (CLRs) are classical innate immune sensors of fungal pathogens, able to recognize carbohydrate domains abundantly present in the fungal structure. Here, we aim to explore the contribution of three CLRs - Dectin-1, Dectin-2 and DCIR1 - in the response to *A. fumigatus* in order to better characterize mechanisms of antifungal defense.

主催：千葉大学 真菌医学研究センター

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