【学位論文発表会】

Studies on Roles of Inflammatory Mediators in the Mucosal Immune and Reproductive Functions in the Oviduct of Laying Hens

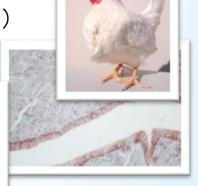
(産卵鶏卵管の粘膜免疫と生殖機能における炎症性メディエー ターの役割に関する研究)

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Maintenance of the mucosal homeostasis results from a complex interaction of several factors including inflammatory mediators (prostaglandins, cytokines, and chemokines), whose expression is sensitive to several conditions such as inflammation or aging. The aim of this study was to define the normal expression of inflammatory mediators in the oviduct (mainly in the uterus) during an ovulatory cycle, and whether a disruption of their expression was related to the deterioration of eggshell quality that occurred in the infected condition and aging of hens.

粘膜機能の恒常性は炎症性メディエーターやいくつかの要因によって制御される。本研究は、炎症性メディエーターの正常な産卵周期における発現を明らかにし、この発現の感染や加齢による変化が卵殻形成異常に関わる可能性を追究した。

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* 本学位論文発表会は、生物圏科学研究科の共同セミナーになります。