

1 探討亞洲地區禽肉中金黃色葡萄球菌的流行率及多重抗藥性的現象

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5 一、前言

6 二、孟加拉冷凍雞肉中耐甲氧西林金黃色葡萄球菌的流行和多重耐藥模式

7 三、韓國不同整合肉雞生產系統的雞肉中分離出金黃色葡萄球菌的抗生素耐藥性特徵

8 四、中國零售市場雞肉中金黃色葡萄球菌和銀色葡萄球菌的流行率和特徵

9 五、結論

10 摘要

11 禽肉為人類主要攝取的肉品來源之一，生長過程中為避免生病、促生長等因素，
12 會長期使用抗生素，使相關微生物產生抗藥性，而金黃色葡萄球菌是代表性微生物，
13 具抗藥性之金黃色葡萄球菌經由食物鏈傳播進入人體，使治療疾病所能使用之抗生素
14 減少，本篇報告旨在調查亞洲地區金黃色葡萄球菌的流行率及多重抗藥性現象，分別
15 收集了孟加拉、韓國、中國的雞肉，篩選出金黃色葡萄球菌後測其抗生素抗藥性。在
16 孟加拉的流行率為 54.9 %，且有 62.9 %為耐甲氧西林金黃色葡萄球菌(MRSA)，所有分
17 離株均具有多重抗藥性(MDR)，最常對 cefoxitin、nalidixic acid、ampicillin 具有抗性，
18 其中 43.5% MRSA 具有 *mecA* 基因；在韓國，8 成雞肉來自 7 間整合肉雞系統，流行
19 率為 47%，有 35.5%為 MDR，分離株主要對 penicillin、tetracycline、ciprofloxacin 具
20 有抗性，對 *gyrA*、*parC* 突變的菌株中，最常見的氨基酸突變組合為 S84L/S80F；在
21 中國的流行率為 20.5%，70.2%為 MDR 菌株，而中國還檢測出新型葡萄球菌 *S.*
22 *argenteus*，其與金黃色葡萄球菌有高度相似。綜合上述結果，各國金黃色葡萄球菌的
23 流行率仍偏高，其抗藥性現象也較嚴重，因此各國在飼養禽類時，需更加嚴格的控管
24 抗生素的使用，以減緩抗藥性產生，並關注 *S. argenteus* 是否會造成更多食源性疾病。

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