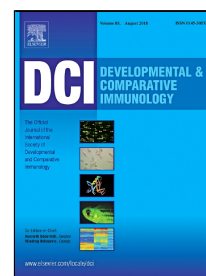


# Accepted Manuscript

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# Avian pathogenic *Escherichia coli*-induced activation of chicken macrophage HD11 cells

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**Running title: Phagocytosis of APEC by chicken macrophages**

**Key words:** innate immunity, phagocytosis, microbiology, colibacillosis

## Highlights

- APEC was more efficiently phagocytized by HD11 cells at 41 °C than 37 °C.
- HD11 cells are capable of killing APEC.
- Phagocytosis of APEC induces NO production and cytokines expression in HD11 cells.

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