



International Journal of ChemTech Research CODEN (USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555 Vol.9, No.05 pp 675-680, 2016

## Is Cinnamaldehyde have an effect as immunostimulator ?

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**Abstract :** The aim of this research is to know the role of cynnamaldehyde contained in the cinnamon ethanol extract as immunostimulator against Salmonella enteridis. Cynnamaldehyde could improve immune system but until now the research about that has not been widely reported. The research used Completely randomized design which consists of 6 groups in curative treatment divided into 4 groups of Balb-c mice infected with amount of bacteria 0,25x10<sup>8</sup> cfu/ml administered orally with cynnamaldehyde in different doses were 50, 100,150, 200 mg/ml consecutively, negative control given no bacteria and positive control only given bacteria. The cynnamaldehyde didn't impact to the expression of CD4, CD8, CD62L T lymphocyte and B220IgD, it means that cynnamaldehide has no effect as immunostimulator

Key word : Herbal, Bacteria, T cell, Immune.

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