Ain Shams University
Faculty of Pharmacy
Microbiology and Immunology Department

Effect of gamma radiation and some antibacterial agents on cyclomodulin associated effects in some uropathogenic *E. coli* isolates

A Thesis

Submitted in Partial Fulfillment of the Requirements for the

Master Degree

In

Pharmaceutical Sciences
(Microbiology and Immunology)

By

Radwa Noureldin Nabawy Morgan

Bachelor of Pharmaceutical Sciences,
Faculty of Pharmacy, Ain Shams University, 2013

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