A study on macrolide and lincosamide resistance in pathogenic Gram positive cocci

Thesis

Submitted in partial fulfillment for the requirements of the Master degree of Science in Microbiology

By

Doha Mohamed Ashour Mahmoud

(B.Sc. Microbiology/Chemistry, 2010**)**

Supervisors

Prof. Dr. Mohamed Khaled Ibrahim

Professor of Bacteriology

Vice dean of education and student affairs

Faculty of Science, Ain Shams University

Prof. Dr. Mona Mohiedden Abdelhalim

Professor of Clinical and Chemical Pathology

Clinical and Chemical Pathology Department

Faculty of Medicine, Cairo University

Dr. Sahar Tolba Mohamed

Assistant Professor of Microbiology

Microbiology Department

Faculty of Science, Ain Shams University

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A: Adenine

AAC: Aminoglycoside acetyltransferases

ABC: ATP-binding cassette

Ab^r: Antibiotic resistant

ACME: Arginine catabolic mobile element

AIDS: Acquired immune deficiency syndrome

ANT: Aminoglycoside nucleotidyltransferases

APH: Aminoglycoside phosphotransferases

CA-MRSA: Community acquired methicillin resistant *Staphylococcus aureus*

CD: Clindamycin

CDC: Centers for Disease Control and Prevention

Cfr: PhLOPSa resistance gene

CHIPS: Chemotaxis inhibitory protein of staphylococci

CIP: Ciprofloxacin

CLSI: Clinical and Laboratory Standards Institute

$cMLS_B$: Constitutive macrolide lincosamide streptogramin B resistance phenotype

CoNS: Coagulase-negative staphylococci