

**Biofilm formation and Quorum sensing
LasR gene in isolated strains of *Pseudomonas
aeruginosa* from patients at Ain Shams
University Hospitals**



Thesis

Submitted for Partial Fulfillment of Master Degree in Basic
Medical Sciences (Medical Microbiology and
Immunology)

Presented by

Lamiaa Mohamed-Medhat El Mousely
M.B.BCH, Faculty of Medicine
Ain Shams University

Under supervision of

Prof. Dr. Taghreed Hamed El Khashaab
Professor of Medical Microbiology and Immunology
Faculty of Medicine, Ain Shams University

Dr. Dina Mohammad Erfan
Lecturer of Medical Microbiology and Immunology
Faculty of Medicine, Ain Shams University

Dr. Ahmed Kamal Mohamed
Lecturer of Anesthesia and Intensive Care
Faculty of Medicine, Ain Shams University

**Faculty of Medicine
Ain Shams University
2015**

تشكيل الفيلم الحيوى و جين استشعار النصاب (اللاس ار) في السلالات المعزولة من الزائفة الزنجارية من المرضى في مستشفيات جامعة عين شمس

رسالة

توطئة للحصول على درجة الماجستير في العلوم الطبية الأساسية
(الميكروبيولوجيا الطبية والمناعة)
مقدمة من:

الطبيبة : لمياء محمد مدحت الموصلى

بكالوريوس الطب و الجراحة
كلية الطب - جامعة عين شمس

تحت إشراف:

أ.د. تغريد حامد الخشاب

أستاذ الميكروبيولوجيا الطبية والمناعة
كلية الطب - جامعة عين شمس

د. دينا محمد عرفان

مدرس الميكروبيولوجيا الطبية والمناعة
كلية الطب - جامعة عين شمس

د. احمد كمال محمد

مدرس التخدير والرعاية المركزة
كلية الطب - جامعة عين شمس

كلية الطب

جامعة عين شمس

2015



Introduction





Aim of the Work





Review of Literature





Materials and Methods





Results





Discussion





Summary





Conclusions





Recommendations





References





Arabic Summary



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سببنا انك لا تعلم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

سورة البقرة الآية: ٣٢

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Lamiaa El Mousely