



Ain Shams University
Women's College for Arts Science and
Education
Zoology Department

THERAPEUTIC EFFECT OF LASER AND L-CARNITINE AGAINST AMIODARONE-INDUCED PULMONARY TOXICITY IN ADULT MALE RAT

A thesis submitted
In partial fulfillment of the requirements for
the degree of (M. Sc.) in Zoology

By

Sara Mohamed Refaat Abdallah

student administrator, Zoology Department,
Women's College for Arts, Science & Education
Ain Shams University

Board of scientific Supervised

Dr.

**Walaa Ahmed El-
Nahrawy**

*Assistant Prof. of Physiology,
Zoology Department*

*Women's College, Ain Shams
University*

Dr.

**Amr Mohamed Eliwa
Zaher**

*Assistant Prof. of Cardiac
Surgery, National Heart
Institute*

*Biomedical science program,
zewail city*

2017



TO

My lovely Husband,

TO my Parents,

TO my brothers, TO my sisters

and to my sweetie child FERAS

Wishing them all the best.



Sara Mohamed Refaat Abdullah



Name: Sara Mohamed Refaat

Scientific Degree: B.Sc.

Department: Zoology

College: Women College for Arts,
Science & Education

University: Ain Shams University

Graduation Year: 2011



Courses studied by Candidate in Partial Fulfillment of the Requirement for the Degree of M.Sc.

1. Physiology
2. Histology
3. Ecology
4. Histopathology
5. Statistical analysis
6. English language
7. Computer science



Name: Sara Mohamed Refaat Abdullah

Title: Therapeutic Effect of Laser and L-carnitine Against Amiodarone-Induced Pulmonary Toxicity in Adult Male Rat

Scientific Degree: MS.C

Board of Scientific Supervision

Dr. Walaa Ahmed El-Nahrawy

Assistant Prof. of Physiology,
Zoology Department
Women's College, Ain Shams University

Dr. Amr Mohamed Eliwa Zaher

Assistant Prof. of Cardiac Surgery, National Heart Institute
Biomedical science program,
zewail city

2017



First and foremost, I feel always indebted to **ALLAH**, the kindest and most merciful.

I am greatly obliged to **Dr. Walaa Ahmed Moustafa**, Assistant Professor of Physiology, Department of Zoology, Women's College, Ain Shams University. To her I am greatly indebted for suggesting and planning the subject, valuable advice, immeasurable time given and for reading and criticizing the manuscript.

No, words can be sufficient to express my deepest gratitude to **Dr. Amr Mohamed Eliwa Zaher** Assistant prof. of cardiac surgery in National heart institute, for his close supervision and continuous assistance during the investigation. To his I owe a great deal for his sincere guidance. I will never forget his unlimited help.



Sara Mohamed Refaat Abdullah

ABSTRACT

The present study is a trying to investigate the complications effect of amiodarone on some physiological parameters and histological studies on the lung tissue in adult male rats.

The work also evaluates the therapeutic role of laser and L-carnitine to minimize hazardous effects of amiodarone which cause lung toxicity.

Results were obtained from the treated experimental animal groups and compared with the corresponding normal control rat group.

The present findings were further discussed in view of relevant available literature in similar fields of studies.

The following parameters were estimated: -

Antioxidants profile, enzymes of lung, oxidative stress & inflammatory status and cytochromes.

Lung of albino rats was chosen for the histological studies to elucidate the impact of amiodarone on lung tissue and the ameliorating effects of Laser and L. carnitine.

In the light of the obtained results, conclusions were deducted and suggestions for further studies were introduce

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