



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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ULTRASTRUCTURAL AND HISTOCHEMICAL
STUDIES ON THE EFFECT OF CHRONIC
ETHANOL ADMINISTRATION ON THE
MYOCARDIUM OF FEMALE RATS AND THEIR
OFFSPRING

THESIS

Submitted for partial fulfillment of
M.D. Degree in Basic Medical Science (Histology)

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Submitted in partial fulfillment of the requirements
for M.D. Degree in Histology

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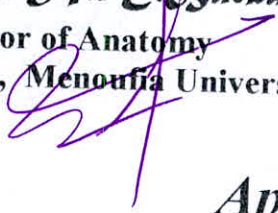
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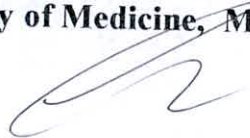
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

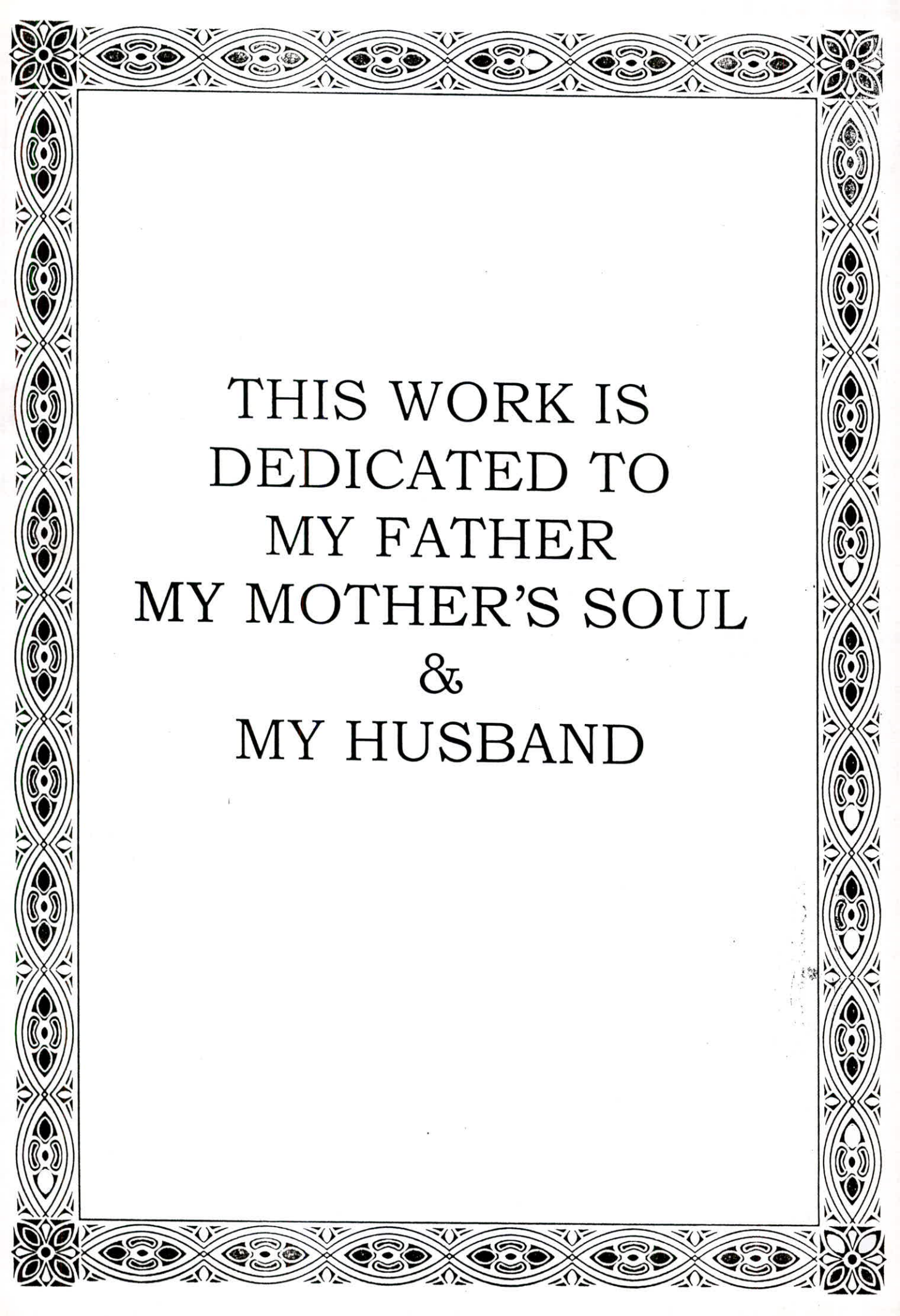
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

”قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ“

صدق الله العظيم

سورة البقرة آية (٢٢)



THIS WORK IS
DEDICATED TO
MY FATHER
MY MOTHER'S SOUL
&
MY HUSBAND

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First and foremost thanks are due to ALLAH

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INTRODUCTION

INTRODUCTION

Alcoholic beverages have been used since the dawn of history. In the middle ages in Europe, the alchemists believed that the alcohol was the long-sought elixir of life. Alcohol was therefore held to be a remedy for practically all, diseases as indicated by the term whisky (water of life). It is now recognized that the therapeutic value of alcohol is extremely limited and that chronic ingestion of excessive amount of alcohol is a major social and medical problem (***Rubin and Urbano-Marquez, 1994***).

Alcohol abuse is a major medical and public health problem in many societies (***Wright and Moore, 1990***).

Alcohol is probably the single most prevalent cause of congestive cardiomyopathy (***Silver, 1983***).

Chronic alcohol consumption has been implicated as a causative factor in a variety of cardiovascular abnormalities in man such as cardiac fibrosis, coronary capillary disorders, subcellular aberrations, impairment of cardiac contractility, abnormal ventricular function and many others (***Thomas and Morley, 1982***).

Vikhert and associates, (1986) stated that, alcoholic cardiomyopathy may be a cause of death among the most productive age groups (men before age of 50).