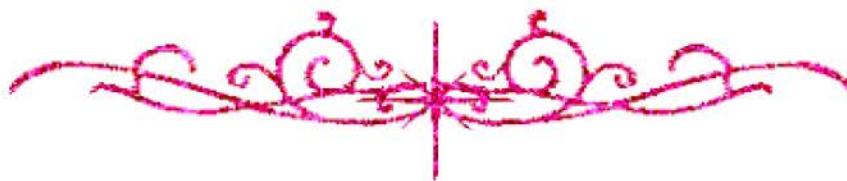


# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

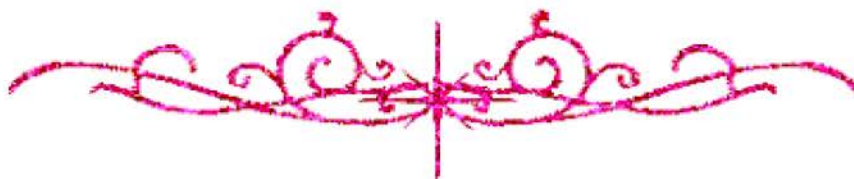
## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأقراص المدمجة قد أعدت دون أية تغييرات



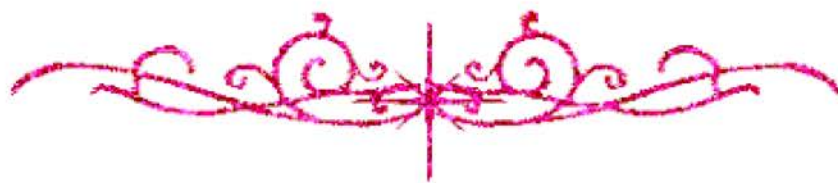
## يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



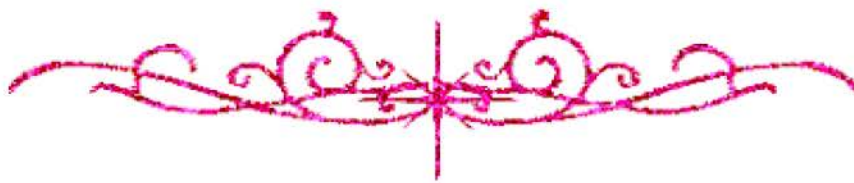


# بالرسالة صفحات لم ترد بالأصل





# بعض الوثائق الأصلية تالفة



B11301

**BIOCHEMICAL STUDY OF VASCULAR  
CELL ADHESION MOLECULE-1 IN  
HYPERTENSIVE PREGNANCY**

*Thesis*

*Submitted for partial fulfillment of  
Master degree (M.Sc.) in Medical Biochemistry*

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2006

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ وَقُلِ اعْمَلُوا فَسَيَرَى اللَّهُ عَمَلَكُمْ  
وَرَسُولُهُ وَالْمُؤْمِنُونَ وَسَتُرَدُّونَ إِلَىٰ عَالَمِ  
الْغَيْبِ وَالشَّهَادَةِ فَيُنَبِّئُكُم بِمَا كُنتُمْ تَعْمَلُونَ ﴾

صَلَّى اللَّهُ الْعَظِيمِ

سورة التوبة

رقم الآية "١٠٥"

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## **LIST OF ABBREVIATIONS**

aa	amino acid
ACOG	American Collegue of Obstetricians and Gynecologists
Adms	adhesion molecules
AII	angiotensin II
ALT	alanine aminotransferase
APC	antigen presenting cell
ARDS	adult respiratory distress syndrome
AST	aspartate aminotransferase
BMI	body mass index
BP	blood pressure
CAMs	cell adhesion molecules
CD	cluster of differentiation
DIC	disseminated intravascular coagulopathy
EC	endothelial cell
ECM	extracellular matrix
FFA	free fatty acids
GH	gestational hypertension
GPI	glycosylphosphatidylinositol
HDLc	high density lipoprotein cholesterol
HELLP syndrome	haemolysis, elevated liver enzymes and low platelets count.
HL	hepatic Lipase
HLA	human leucocyte antigen
hs.VCAM-1	human soluble vascular cell adhesion molecule-1
ICAM	intercellular adhesion molecule
IDL	intermediate density lipoprotein
Ig	immunoglobulin
Ig-SF	immunoglobulin superfamily
IL	interleukin
IL-1R	interleukin – 1 receptor
INCAM	inducible cell adhesion molecule
kDa	kilodalton

<b>INCAM</b>	<b>inducible cell adhesion molecule</b>
<b>kDa</b>	<b>kilodalton</b>
<b>LDH</b>	<b>lactate dehydrogenase</b>
<b>LDLc</b>	<b>low density lipoprotein cholesterol</b>
<b>LFA</b>	<b>leucocyte function – associated antigen</b>
<b>LP(a)</b>	<b>lipoprotein a</b>
<b>LPL</b>	<b>lipoprotein lipase</b>
<b>MAC-1</b>	<b>macrophage antigen-1</b>
<b>MAd CAM</b>	<b>mucosal adressin cell adhesion molecule</b>
<b>MHC</b>	<b>major histocompatibility complex</b>
<b>NK</b>	<b>natural killer cells</b>
<b>PA</b>	<b>plasminogen activator</b>
<b>PE</b>	<b>pre-eclampsia</b>
<b>PECAM</b>	<b>platelet endothelial cell adhesion molecule</b>
<b>PGI<sub>2</sub></b>	<b>prostacyclin</b>
<b>PIH</b>	<b>pregnancy induced hypertension</b>
<b>ROS</b>	<b>reactive oxygen species</b>
<b>s. VCAM-1</b>	<b>soluble vascular adhesion molecule-1</b>
<b>S.U.A</b>	<b>serum uric acid</b>
<b>T.chol</b>	<b>total cholesterol</b>
<b>TCR</b>	<b>T-cell receptor</b>
<b>TG</b>	<b>triglycerides</b>
<b>TNF-<math>\alpha</math></b>	<b>tumour necrosis factor – alpha</b>
<b>TPA</b>	<b>tissue plasminogen activator</b>
<b>TXA<sub>2</sub></b>	<b>thromboxane A<sub>2</sub></b>
<b>UPA</b>	<b>urokinase plasminogen activator</b>
<b>VCAM-1</b>	<b>vascular cell adhesion molecule-1</b>
<b>VLA-4</b>	<b>very late antigen –4</b>
<b>VLDL</b>	<b>very low density lipoprotein</b>

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# PART I

□ **ACKNOWLEDGEMENT**

□ **INTRODUCTION**

□ **REVIEW OF LITERATURE**

□ **AIM OF THE WORK**