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شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



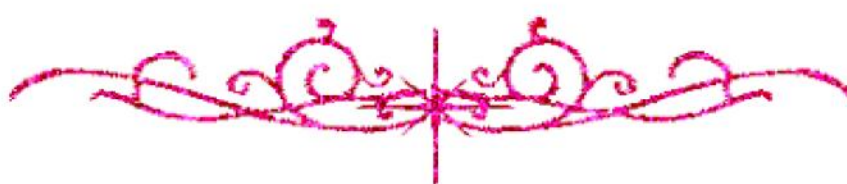
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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



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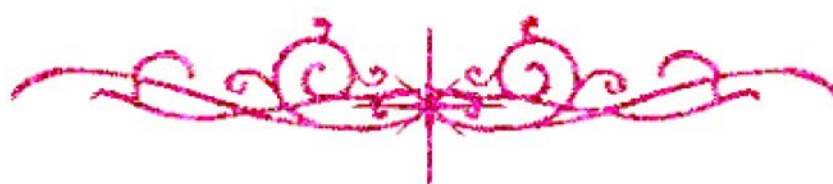
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شبكة المعلومات الجامعية



**بالرسالة صفحات
لم ترد بالأصل**



B/6625

**THE SIDE EFFECTS OF
CHLORAMPHENICOL ON SOME
HISTOLOGICAL, HISTOCHEMICAL
AND ULTRASTRUCTURAL
ASPECTS OF THE LIVER AND
KIDNEY OF THE WHITE RAT**

A Thesis Submitted

BY

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To

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Of

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In

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*Dedicated To
My Family & My Brother
in Law*

*Sheikh Khaled Bin
Mohamed Al - Thani
[Ex-Minister of Health]
State of Qatar*

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LIST OF ABBREVIATIONS

LIVER:

A	Atrophied hepatocyte.
b	Blood capillaries
B	Binucleated cell
Bd	Bile ductule (canalculule).
C	Blood congestion
Ce	Cell exudates
Cg	congomeration of neighbouring cells.
Cm	Cell membrane
Cn	Condensled nucleus
Co	Collagen elements
Cv	Central vein
Cz	centralobour zone.
D	Disse space
Dc	Degenerated cell
Ds	Desmosomes
E	Eosinophilic casts
Ev	Extravasted blood cells.
e	Erythrocyte.
en	Endothelial cell
et	Euchromatin
F	Fibroblasts
ff	Fibroid foci
G	Giant inflammatory cell
Gc	Golgi cisternae
Go	Golgi elements (apparatus)
Gs	Golgi vesicles
Gv	Golgi vacuoles
g	Glycogenparticles

ga	Glycogen (alpha)
gb	Glycogen (beta)
H	Hepatic cell, hepatocyte, liver cell.
Ha	Hepatic artery
Hs	Hepatic strands (cords)
h	Hydropic degeneration.
ht	Heterochromatin
K	Kupffer cell
J	Junctions.
Jc	Junctional complex
Ke	Karyolysed nucleus
ic	Inner chamber.
In	Inflammatory cells (area)
L	Polymorphs (Neutrophils)
l	Leucocytes
Lp	lipid droplets (bodies)
Ly	lysosomes
M	Lymphocytes.
Mm	Mitochondrial membrane
Mr	Mitochondrial ridges.
Mt	Mitochondria
MV	Microvilli
m	monocytes
ma	Macrophage
mM	Megamitochondria
N	Nucleus (Devastated, Degenerated, Injured, Damaged, Deformed).
Ne	Necrotic area (patches) Necrosis, coagulative necrosis.
NM	Nuclear membrane
Np	Nuclear pores.

nu	Nucleolus
oc	Outer chamber
On	Open face (Vesicular) nucleus.
Pa	Portal tract (area) (island)
PP	Proteinic patches
Pv	Portal vein
Py	Pyknotic nucleus.
Pz	Peripheral lobular zone (area)
R	Haemorrhagic casts (masses)
RER	Rough endoplasmic reticulum
RNP	Ribonucleoprotein particles
r	Particles
S	Sinusoids
SER	Smooth endoplasmic reticulum
Sn	Syncytial structure
Ud	Undifferentiated endothelial cell.
Vh	Vacuolated hepatocyte.
Vd	Vacuolar degeneration.
Za	Zonula adherens
Zo	Zonula occludens..

KIDNEY:

AV	Apical vacuoles
a	Ascending limb of Henle's loop.
B	Bowman's capsule.
Hb	Brush border.
Bi	Basal infoldings
Bm	Basement membrane
CBM	Capillary basement membrane
Cd	Collecting ductule