بسم الله الرحمن الرحيم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

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شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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MONA MAGHRABY

The potential role of mesenchymal stem cells derived exosomes on the healing of grade II experimentally induced skeletal muscle injury in adult male albino rats. Histological study

Thesis

Submitted for Partial Fulfillment of Master Degree in Histology and Cell Biology

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بسم الله الرحمن الرحيم

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم الحكيم

صدق الله العظيم

سورة البقرة الآية: ٣٢

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Omar Ahmed

List of Contents

List of Abbreviations

Abb.	Full term
DNA	Deoxyribonucleic acid
ECM	Extracellular matrix
FGF2	Fibroblast growth factor-2
HASCs	Human adipose-derived stem cells
HGF	Hepatocyte growth factor
HSkM	Human skeletal myoblasts
IGF	Insulin-like growth factor
IL-6	Interleukin-6
MASRI	Ain Shams Medical Research Center
MCK	Muscle creatine kinase
MDSCs	Muscle-derived stem cells
MHC	Myosin heavy chain
MHCd	Developmental MHC
miRNAs	MicroRNAs
MRFs	Myogenic regulatory factors
MRI	Magnetic Resonance Imaging
mRNAs	Messenger RNAs
MSCs	Mesenchymal stem cells
Myf5	Myogenic factor 5
MyoD	Myoblast determination protein
NSAIDs	Non-steroidal anti-inflammatory drugs
PBS	Phpsphate buffer saline
PDGF	Platelet-Derived Growth Factor
PRP	Platelet rich plasma
SCs	Satellite cells
VEGF	Vascular endothelial growth factor
WHO	World Health Organization
α-SMA	Alpha-smooth muscle actin

List of Tables

List of Figures

List of Figures Cont...

List of Figures Cont...

List of Figures Cont...

List of Figures Cont...

List of Figures Cont...