





ثبكة المعلومات الجامعية





### جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بللله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأفلام قد اعدت دون آية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15-20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of 15-25c and relative humidity 20-40 %



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## ENDOMETRIAL RECEPTIVITY IN

# IN -VITRO FERTILIZATION AND EMBRYO TRANSFER (IVF & ET)

#### Essay

Submitted for partial fulfillment for the requirement of Master Degree in Obstetric And Gynecology

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ثُمَّ خَلَقْنَا النُّطْفَةَ عَلَقَةً فَخَلَقْنَا الْعَلَقَةَ مُضْغَةً فَخَلَقْنَا الْمُضْغَةَ عِظَامًا فَكَسَوْنَا الْمُضْغَةَ عِظَامًا فَكَسَوْنَا الْعِظَامَ لَحْمًا ثُمَّ أَنشَأْنَاهُ خَلْقًا آخَرَ الْعِظَامَ لَحْمًا ثُمَّ أَنشَأْنَاهُ خَلْقًا آخَرَ فَتَبَارِكَ اللَّهُ أَحْسَنُ الْخَالِقِينَ.

صدق الله العظيم

(سورة المؤمنون الآية 14)

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### List of abbreviation

APS Antiphospholipid antibody syndrome

AR Amphiregulin

ART Assisted reproductive technology

AI Aromatase inhibitors

CC Clomiphene citrate

CD Cluter of differentiation.

cGMP cyclic Guanosine monoposphate

COH Controlled ovarian hyperstimulation

CRH Corticotrophin- releasing hormone.

CSF Colony- stimulating factor

E2 Estradiol

EBAF Endometrial bleeding associated factor

ECM Extra cytoplasmic membrane

EEC Endometrial epithelial cells.

EFT Endometrial function test

EGF Epidermal growth factor

ER Estrogen receptors

ETBF Endometrial tissue blood flow.

EvCTB extravillous Cytotrophoblast.

EPDA Intraendometrial power Doppler area

FSH Follicle stimulating hormone

FI Flow index

GnRH Gondotropin releasing hormone

HB-EGF Heparin- binding EGF like growth factor

HCG Human chorionic gonadotropin



Hoxa gene Home O box gene

HSPG Heparin sulphate proteoglycan

HMG Human menopausal gonadotropin

HRT Hormone replacment therapy

17β-HSD 17β- Hydroxy steroid dehydrogenase

ICSI Interacytoplasmic sperm injection

IGFBPs IGF- binding proteins.

IGFs Insulin- like grwoth factors

IL Interleukin

ILr Interleukin receptor

IVF-ET In- vitro fertilization and embryo transfer.

LGLs Large granular lymphocytes

LH Lutenizing hormone

LIF Leukaemia inhibitory factor

m RNA messenger Ribonuclic acid

MAG Mouse ascites golgi

MRI: Magnetic resonance imaging

nIvf natural In -vitro fertilization

NK Natural killer

OHSS Ovarian hyperstimulation syndrome

OPN Osteopontin

PAF Platelet activating factor

PI Pulsatitiy index

PN Pronuclei

PR Progesterone receptors

PRs Pregnancy rates

PD Power Doppler

RI Resistance index

SEM Scanning electron microscopy

TGF Transforming growth factor

TYB Test- yolk buffer

U/S Ultrasonography

ULE Uterine luminal epithelium

USAG Uterine sensitization- associated gene

VI Vascularization index

VFI Vascularization flow index

 VOCAL
 Virtual organ computer-aided analysis

WOI Window of implantation

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