



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد اعدت دون أية 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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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل

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Faculty of medicine
Department of Obstetrics & Gynecology

Aspects of Human Oocyte In-Vitro Maturation

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Submitted in Partial Fulfillment of Master Degree in Obstetrics & Gynecology

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قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

بِسْمِ اللَّهِ
الْعَظِيمِ

سورة البقرة الآية (٣٢)

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List Of Abbreviations

- **AFC** Antral follicle count
- **3D** Three dimensional
- **Ca** Calcium
- **CAMP** Cyclic adenosine mono phosphate
- **COC** Cumulus-oocyte complex
- **CTG** Cardiotocograph
- **CVS** Chorionic villous sampling
- **DMSO** Dimethyl sulphoxide
- **EGF** Epidermal growth factor
- **ELISA** Enzyme-linked immunosorbent assay
- **FF** Follicular fluid
- **FSH** Follicle stimulating hormone
- **GDF** Growth differentiation factor
- **GnRH** Gonadotropin releasing hormone
- **GnRH_a** Gonadotropin releasing hormone analogue
- **GV** Germinal vesicle
- **GVB** Germinal vesicle breakdown
- **HCG** Human chorionic gonadotropin
- **HMG** Human menopausal gonadotropin
- **HSA** Human serum albumin
- **ICSI** Intra cytoplasmic sperm injection
- **IFMA** Immunofluorometric assay
- **IGF** Insulin like growth factor
- **IP3** Triphosphoinositide

- **IVF** In vitro fertilization
- **IVF-ET** In vitro fertilization embryo transfere
- **IVG** In vitro growth
- **IVM** In vitro maturation
- **LH** Lutinizing hormone
- **LOPU** Laparoscopic ovum pick-up
- **M11** Metaphase 11
- **MEME** Modified Eagle Medium with Earle's modified salts
- **MPF** Maturation promoting factor
- **NT** Nuchal translucency
- **OF** Oocyte fertilization
- **OHSS** Ovarian hyper stimulation syndrome
- **OM** Oocyte maturation
- **PCO** Poly cystic ovary
- **PCOS** Poly cystic ovarian syndrome
- **PDE** Phosphodiesterase
- **PESA** Percutaneous sperm aspiration
- **PK** Protein kinase
- **PMSG** Pregnant mare's serum gonadotropin
- **PR** Primed
- **SMM** Standard maturation medium
- **TCM** Tissue culture medium
- **TGF** Transforming growth factor
- **TUGA** Transvaginal ultrasound-guided aspiration
- **UPR** Unprimed