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ARABIC SUMMARY	

LIST OF ABBREVIATIONS

3D	:Three Dimension
AAV	:adeno-associated virus
ACEI	: angiotensin-converting enzyme insertion
ACEI	:angiotensin-converting enzyme insertion gene
aCL	:Anticardiolipin
ACOG	: American College of Obstetricians and Gynecologist
ANA	:Antinuclear Antibodies
aPL	: Antiphospholipid
APLA	: Antiphospholipid Antibodies
APS	: Antiphospholipid Syndrome
APTT	: Activated Partial Thromboplastin Time
ASRM	:American Complex Society for Reproductive Medicine
ATA	Anti-thyroid Antibodies
Beta 2 GPI	: Beta 2 Glycoprotein I
C	: Complement
CGH	: Comparative Genomic Hybridization
CMV	:Cytomegallo Virus
DNA	:Deoxyribo-nucleic Acid
dRVVT	:dilute Russell's viper venom time
EPF	: Early Pregnancy Factor
EPL	: Early Pregnancy Loss
ESHRE	:European Society of Human Reproductive and Embryology
FISH	: Fluorescence in Situ Hybridization
G-CSF	:granulocyte colony-stimulating factor

GnRH	:Gonadotropin Releasing Hormone
HbA1c	:Glycosylated Hemoglobin A1c
HCG	: Human Chorionic Gonadotropin
hCG	:Human Chorionic Gonadotropin
HLA/HLAs	: Human Leukocyte Antigen/ 's
HPL	: Human Placental Lactogen
HPV	:human papillomaviruses
HSG	: Hysterosalpingography
HSG	:Hysterosalpingogram
IGF-1	: Insulin Growth Factor-1
IgG	: Immunoglobulin G
IgM	: Immunoglobulin M
IL-4	:Interleukin-4
INFγ	:Interferon- γ
IRM	: Idiopathic Recurrent Miscarriage
IVIG	: Intravenous Immunoglobulin
KIR	:killer cell immunoglobulin-like receptor genes
LA	:Lymphoid Aggregates
LDA	:low dose aspirin
LDL	: Low Density Lipoprotein
LH	:Luteinizing Hormone
LMWH	:low molecular weight heparin
LPD	:Luteal Phase Defect
M-FISH	:Multiplex Fluorescence in Situ Hybridization
MHC	: Major Histocompatibility Complex
MTHFR	:methylenetetrahydrofolate reductase gene

NK cells	: Natural Killer cells
NO	:Nitric oxide.
PAI	:plasminogen activator inhibitor-1
PCOS	: Polycystic Ovary Syndrome
PGD	: Preimplantation Genetic Diagnosis
PGS	: Preimplantation Genetic Screening
PPARs	: peroxisome proliferator-activated receptors
RCOG	: Royal College of Obstetrician and Gynecology
RPL	: Recurrent Pregnancy Loss
RSA	: Recurrent Spontaneous Abortion
SAB	: Spontaneous Abortion
SLE	:Systemic Lupus Erythematosus
Tc	:Cytotoxic T- Lymphocytes
TCR	:T-cell Receptor
TGF	:transforming growth factor -beta
Th	:Helper T- Lymphocytes
TSH	: Thyroid Stimulating Hormone
UH	:unfractionated heparin
VD3	:vitamin-D3

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